

FIG. 1

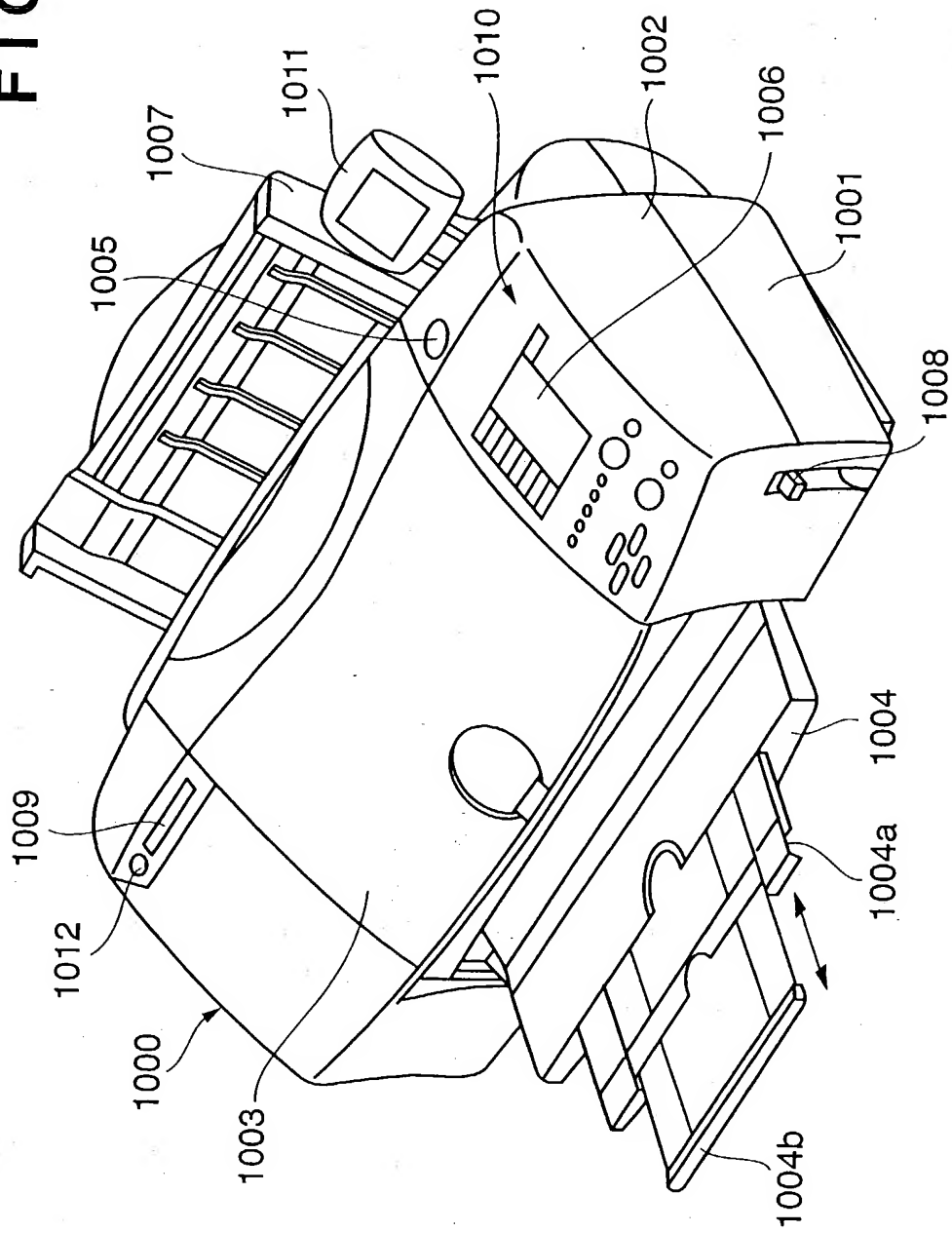


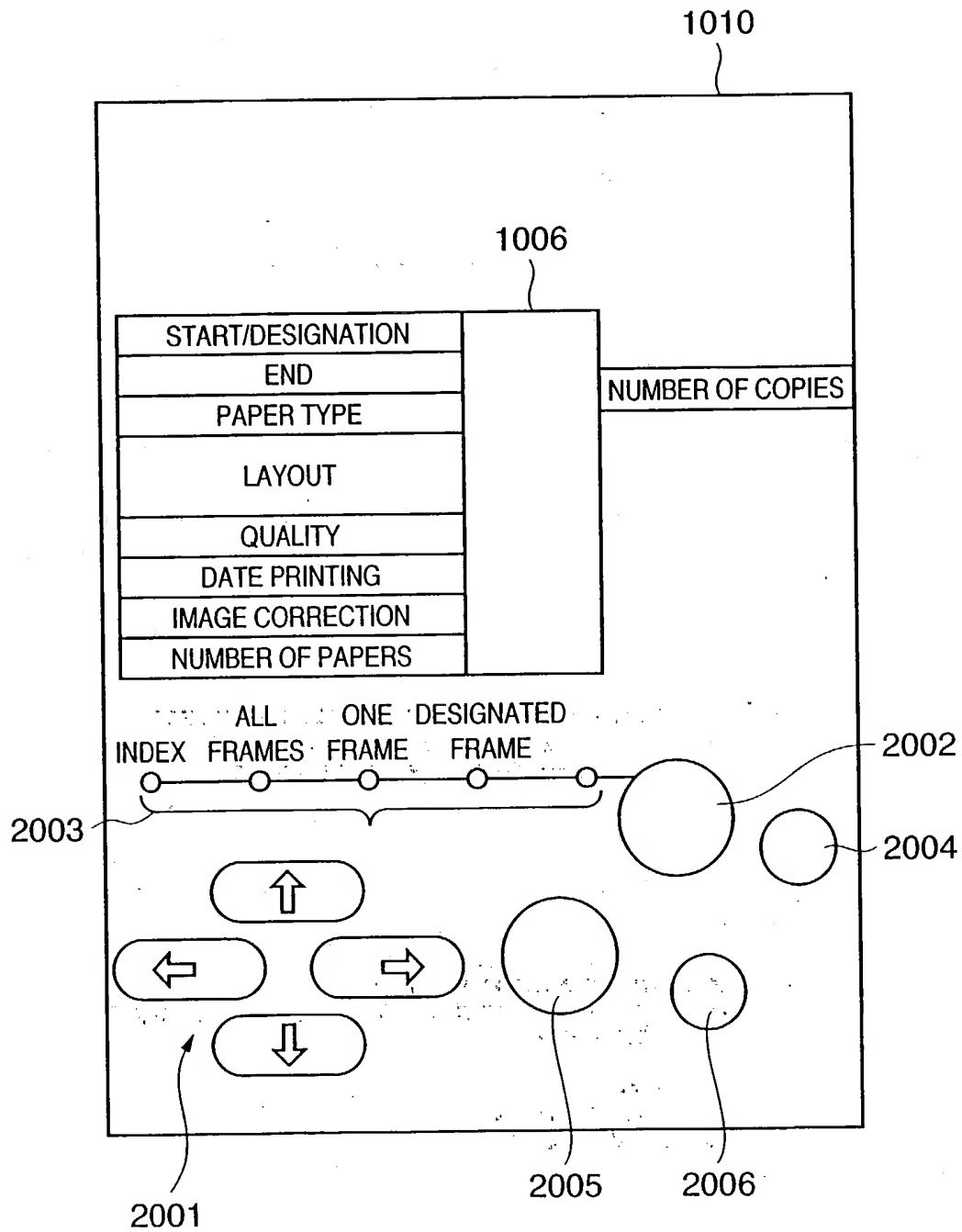
FIG. 2

FIG. 3

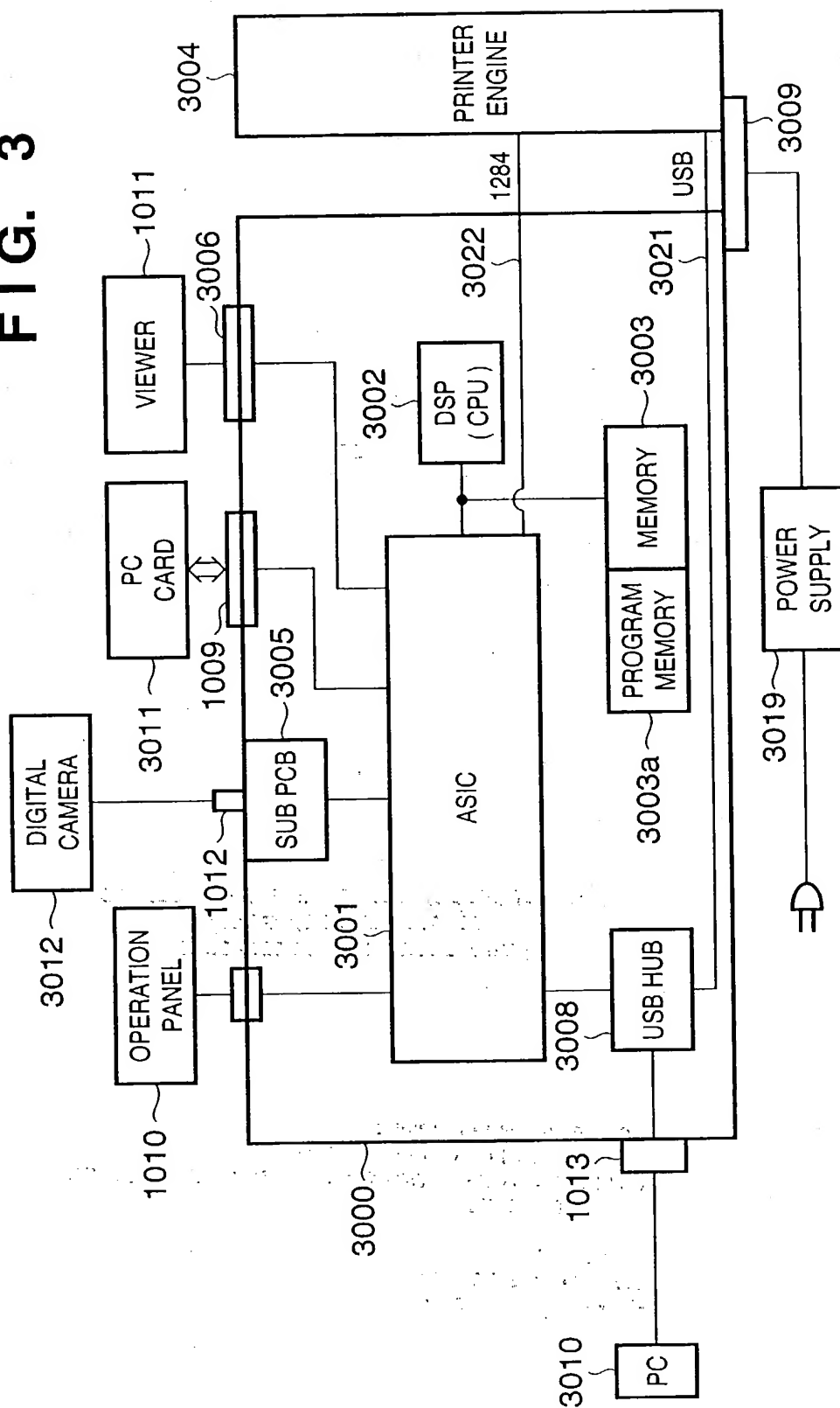


FIG. 4

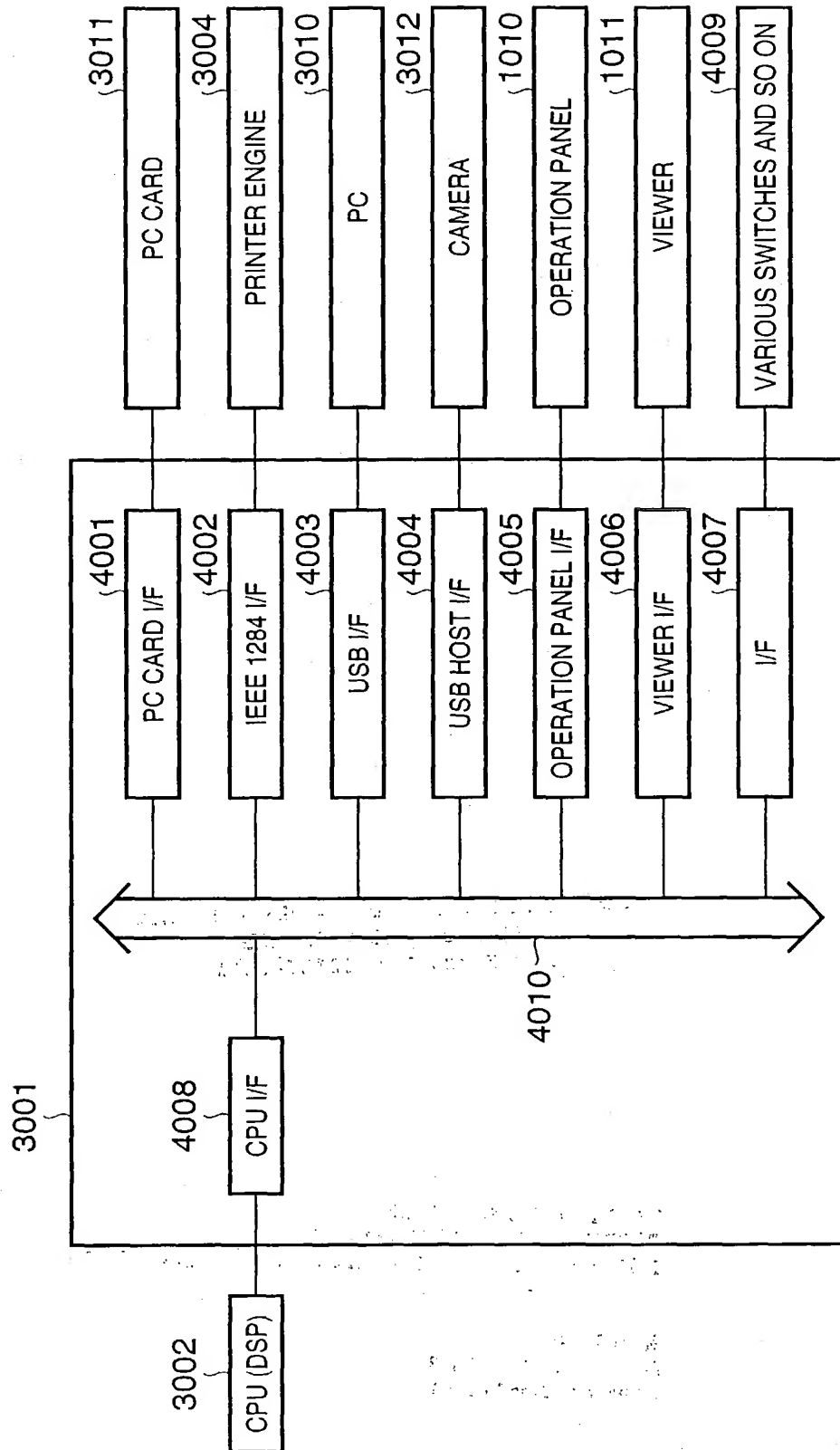


FIG. 5

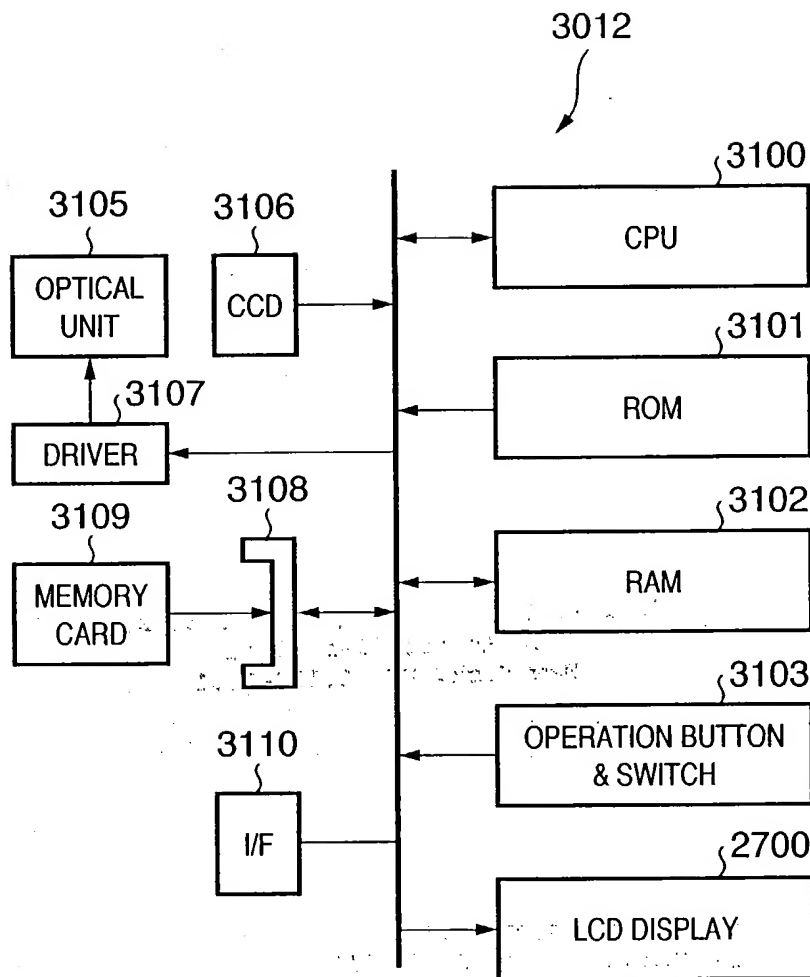


FIG. 6

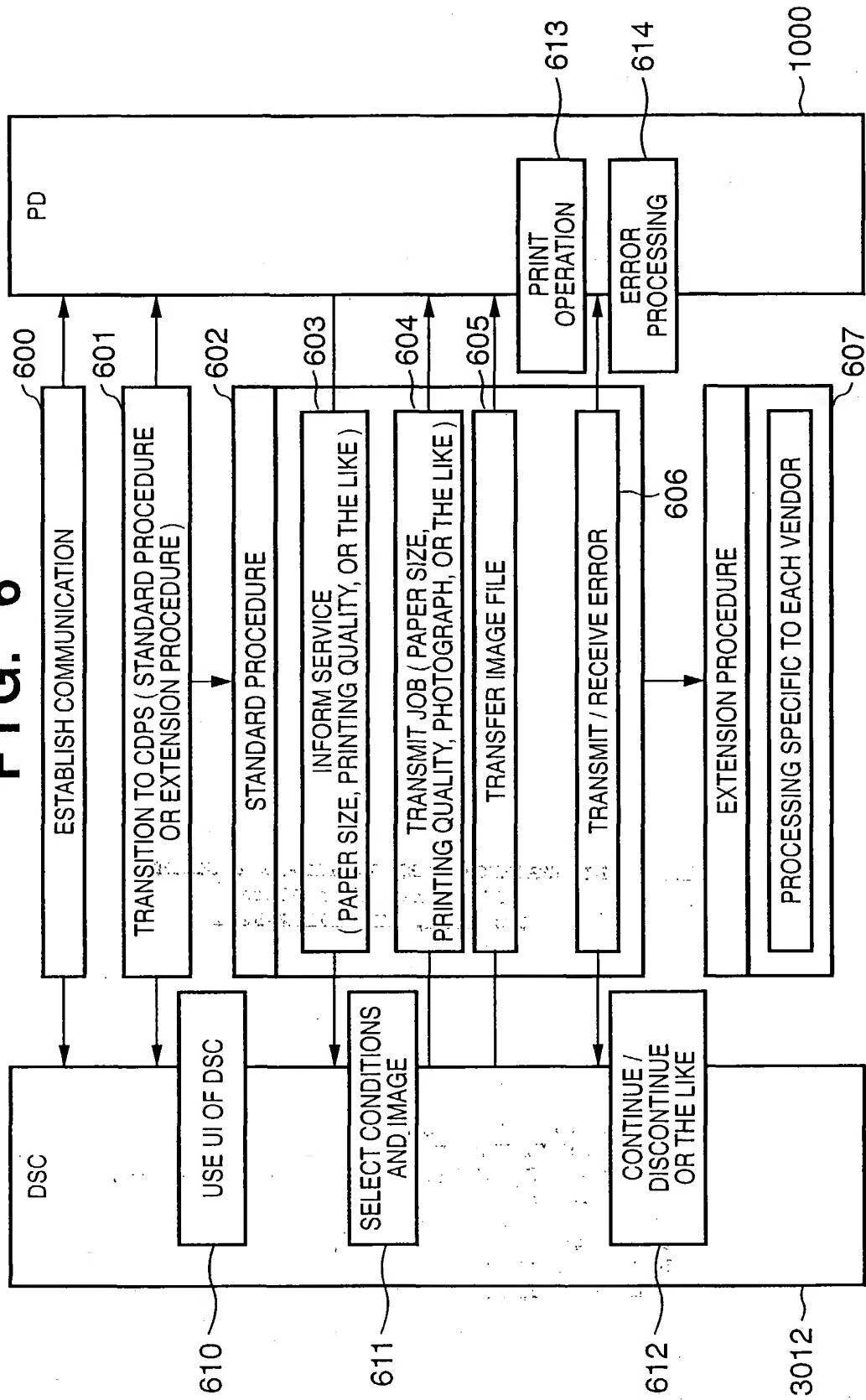


FIG. 7

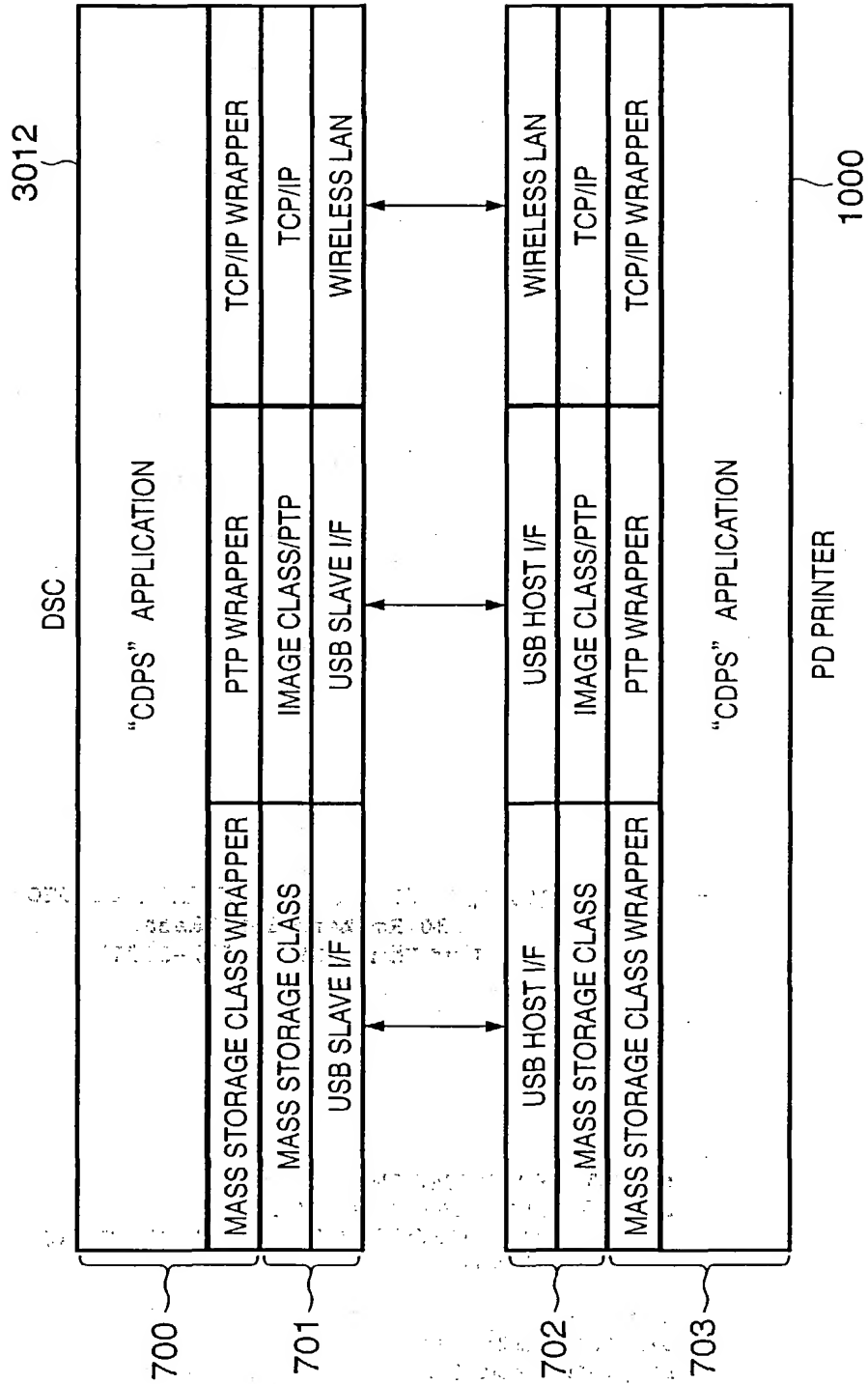


FIG. 8

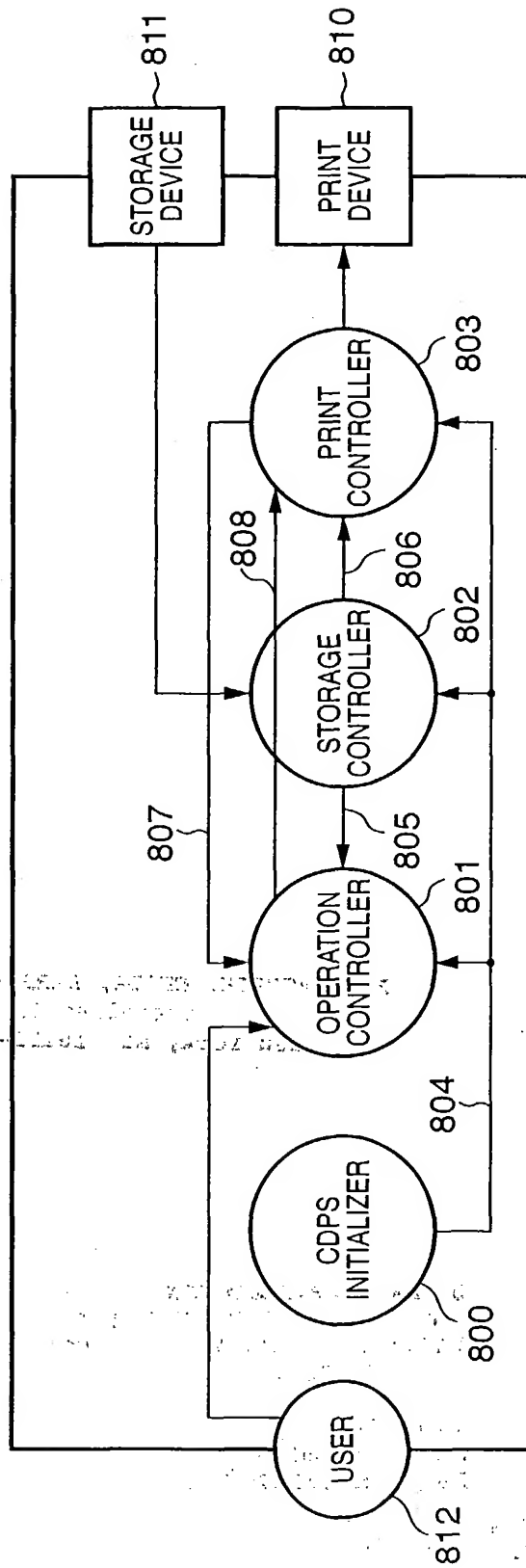


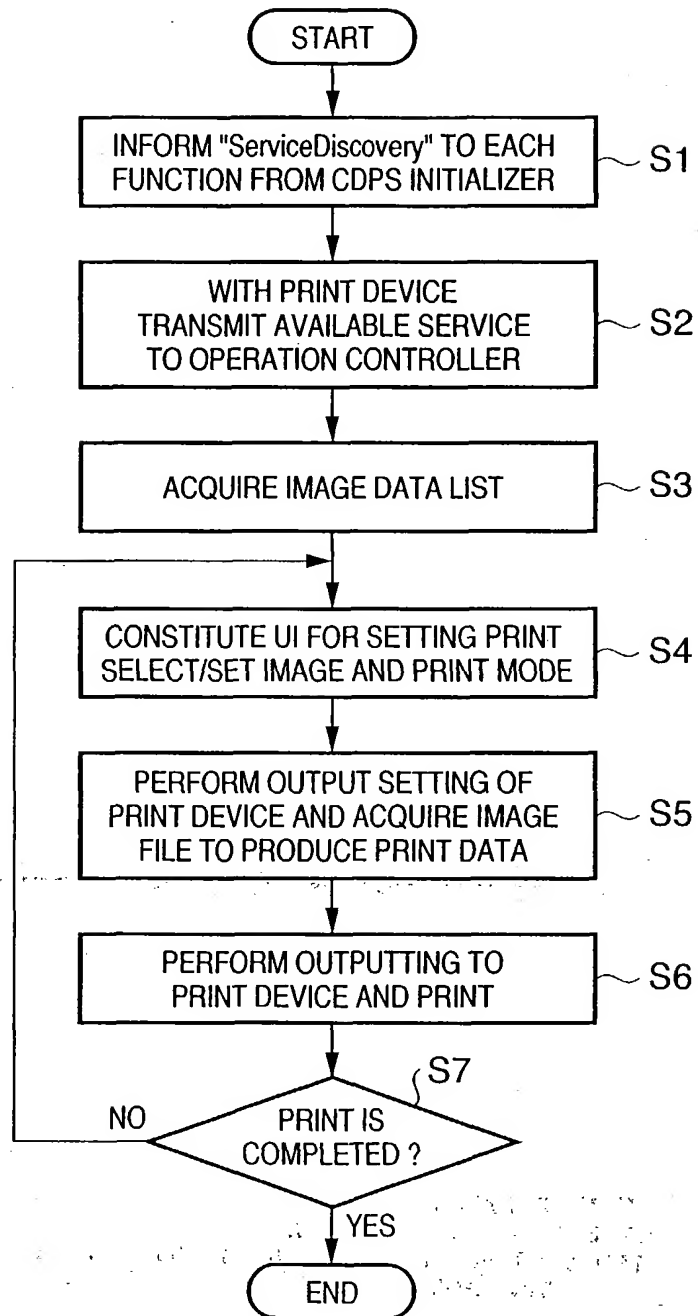
FIG. 9

FIG. 10

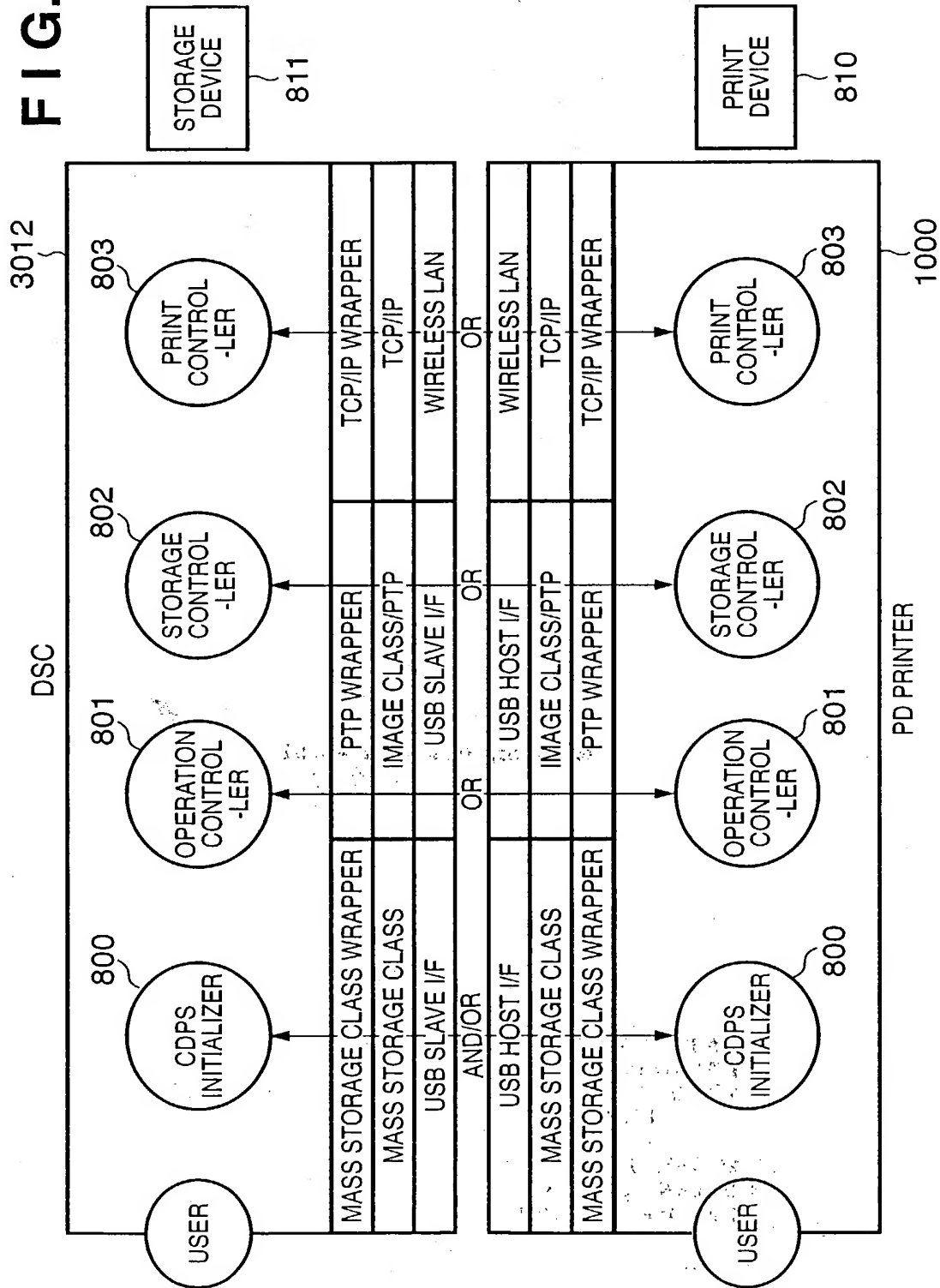


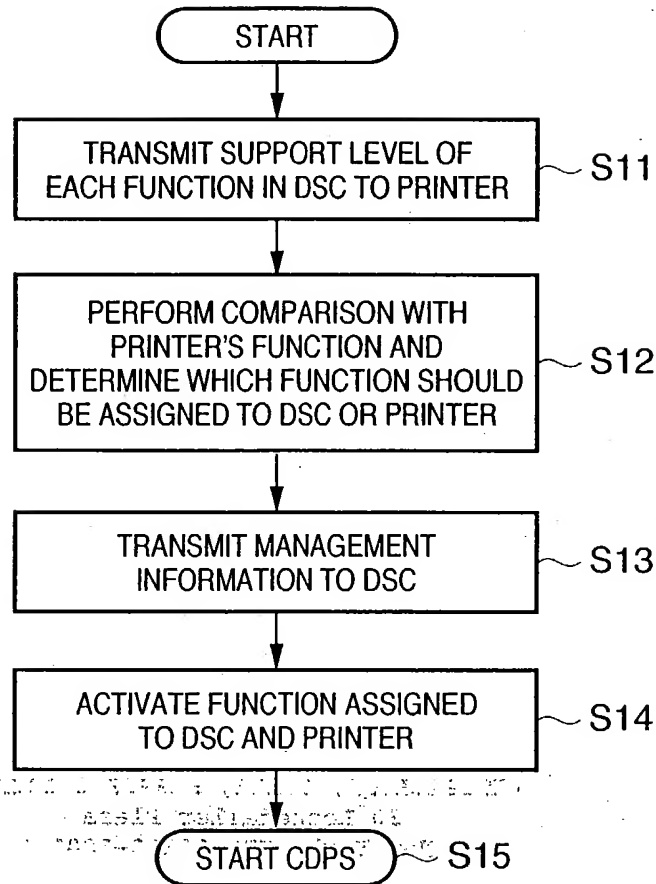
FIG. 11

FIG. 12

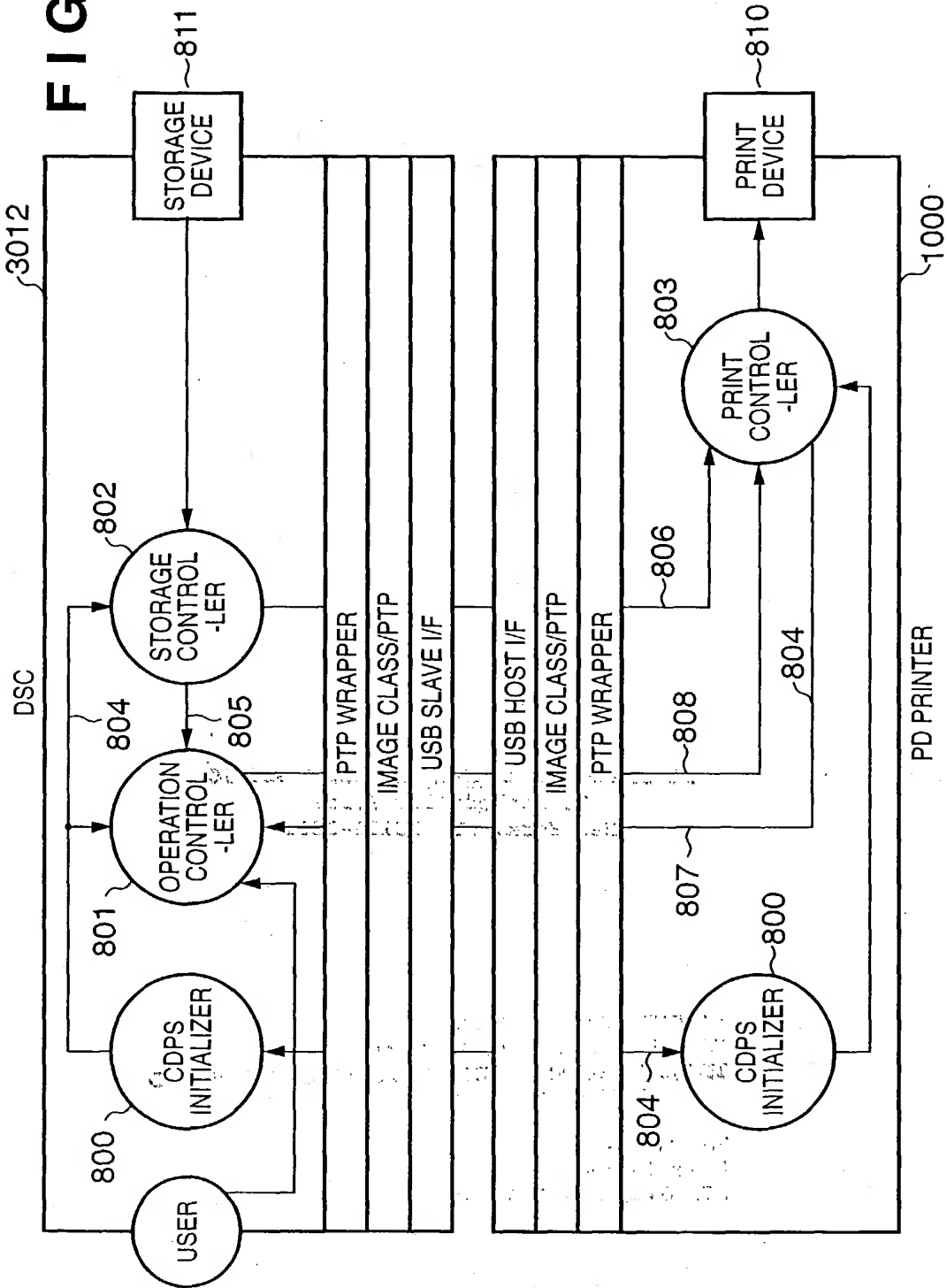


FIG. 13

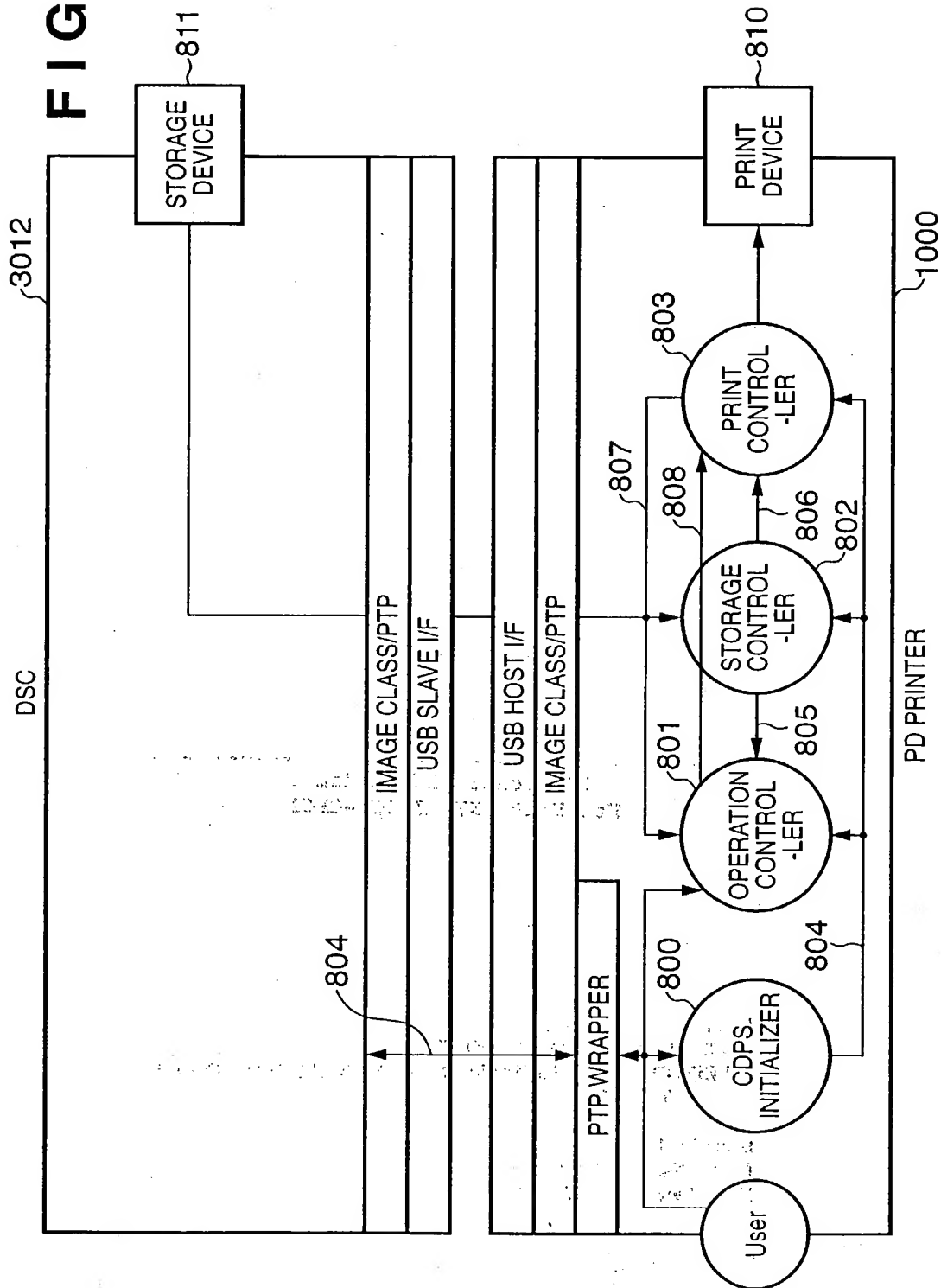


FIG. 14

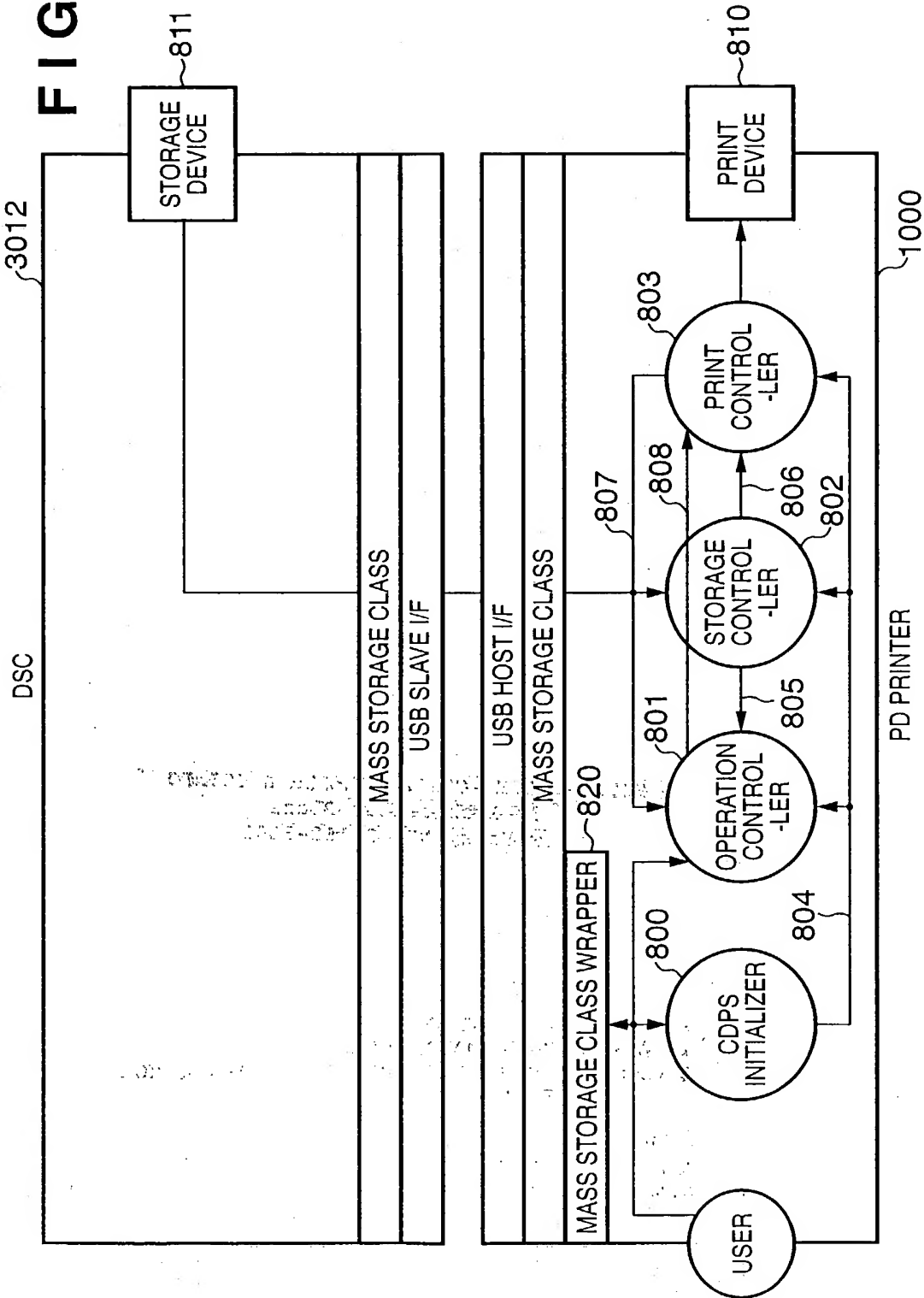


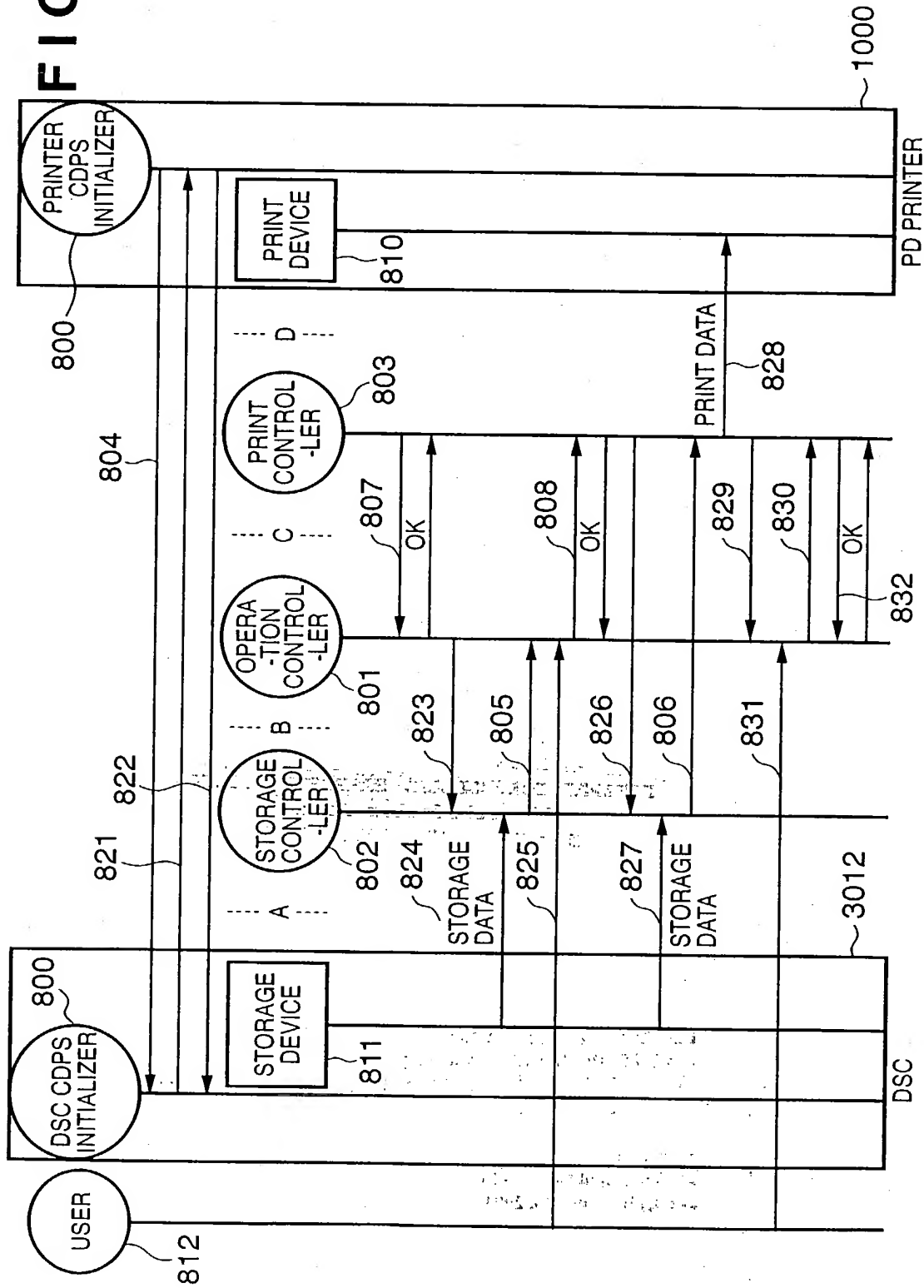
FIG. 15A

ESSENTIAL FUNCTIONS			
ISSUE		FUNCTION NAME	FUNCTION
ORIGIN	DESTINATION		
INITIALIZE	INITIALIZE	CDPS_ServiceDiscovery	TRANSITION TO CDPS
PRINT CONTROLLER	OPERATION CONTROLLER	CDPS_Service	NOTIFICATION OF PRINTER'S FUNCTIONS
PRINT CONTROLLER	OPERATION CONTROLLER	CDPS_PageStart	NOTIFICATION OF PRINT START (EVERY TIME ONE PAGE IS FED)
PRINT CONTROLLER	OPERATION CONTROLLER	CDPS_PageEnd	NOTIFICATION OF PRINT END (EVERY TIME ONPAGE IS DISCHARGED)
PRINT CONTROLLER	OPERATION CONTROLLER	CDPS_JobEnd	NOTIFICATION OF THE COMPLETION OF A PRINT JOB
PRINT CONTROLLER	OPERATION CONTROLLER	CDPS_Error	NOTIFICATION OF ERROR (WARNING/FATAL)
PRINT CONTROLLER	STORAGE	CDPS_JobData	ACQUIRE AN IMAGE OF JPEG OR THE LIKE FROM STORAGE
OPERATION CONTROLLER	STORAGE	CDPS_DataList	ACQUIRE AN INFORMATION LIST OF JPEG OR THE LIKE FROM STORAGE
OPERATION CONTROLLER	PRINT CONTROLLER	CDPS_Job	PRINT COMMAND
OPERATION CONTROLLER	PRINT CONTROLLER	CDPS_JobAbort	PRINT STOP COMMAND
OPERATION CONTROLLER	PRINT CONTROLLER	CDPS_JobContinue	PRINT RESUME COMMAND

FIG. 15B

OPTIONAL FUNCTION		
ISSUE		FUNCTION
ORIGIN	DESTINATION	
PRINT CONTROLLER	STORAGE	CDPS_PartialJobData
		ACQUIRE A PART OF AN IMAGE OF JPEG OR THE LIKE FROM STORAGE

FIG. 16



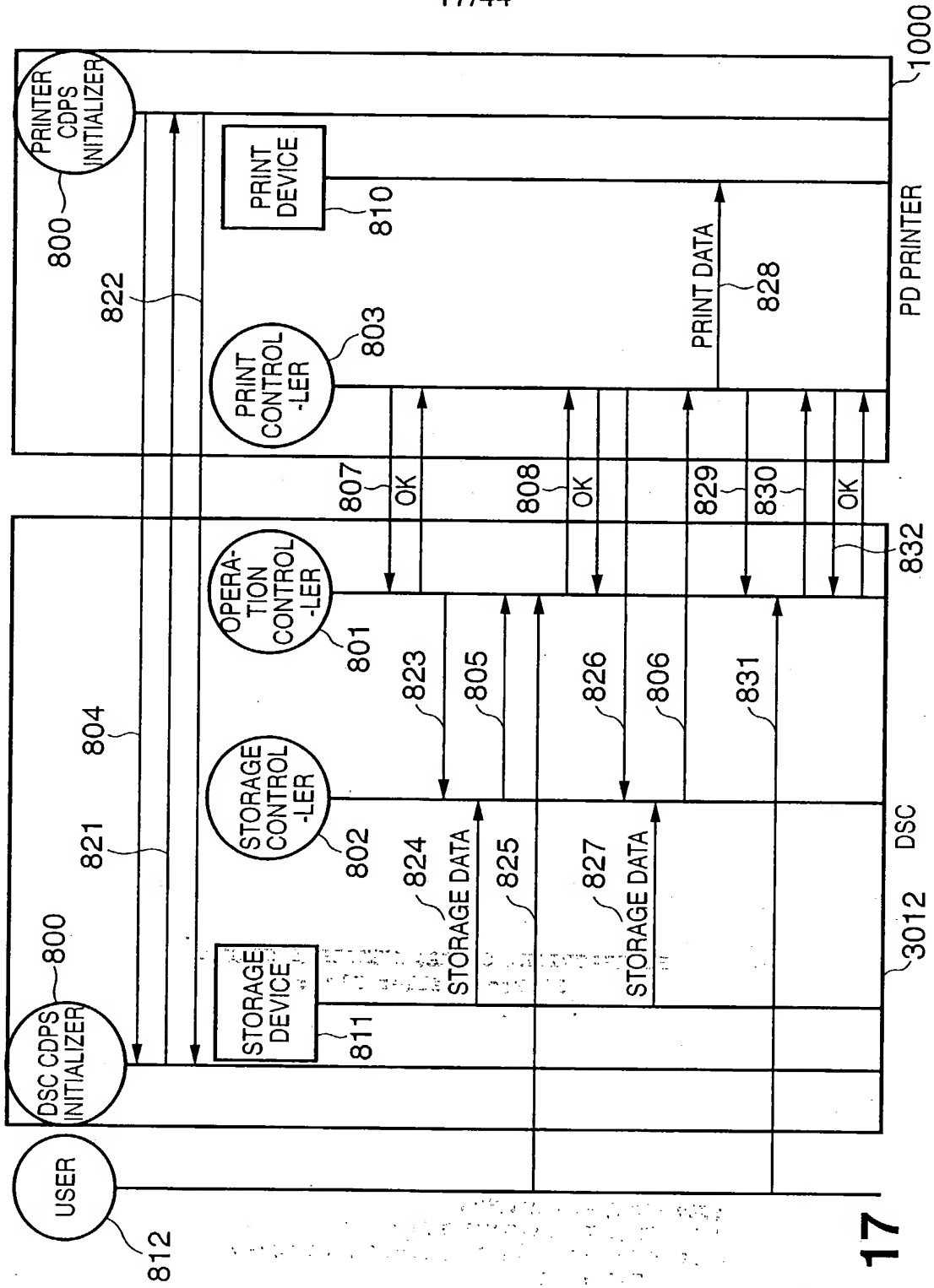


FIG. 17

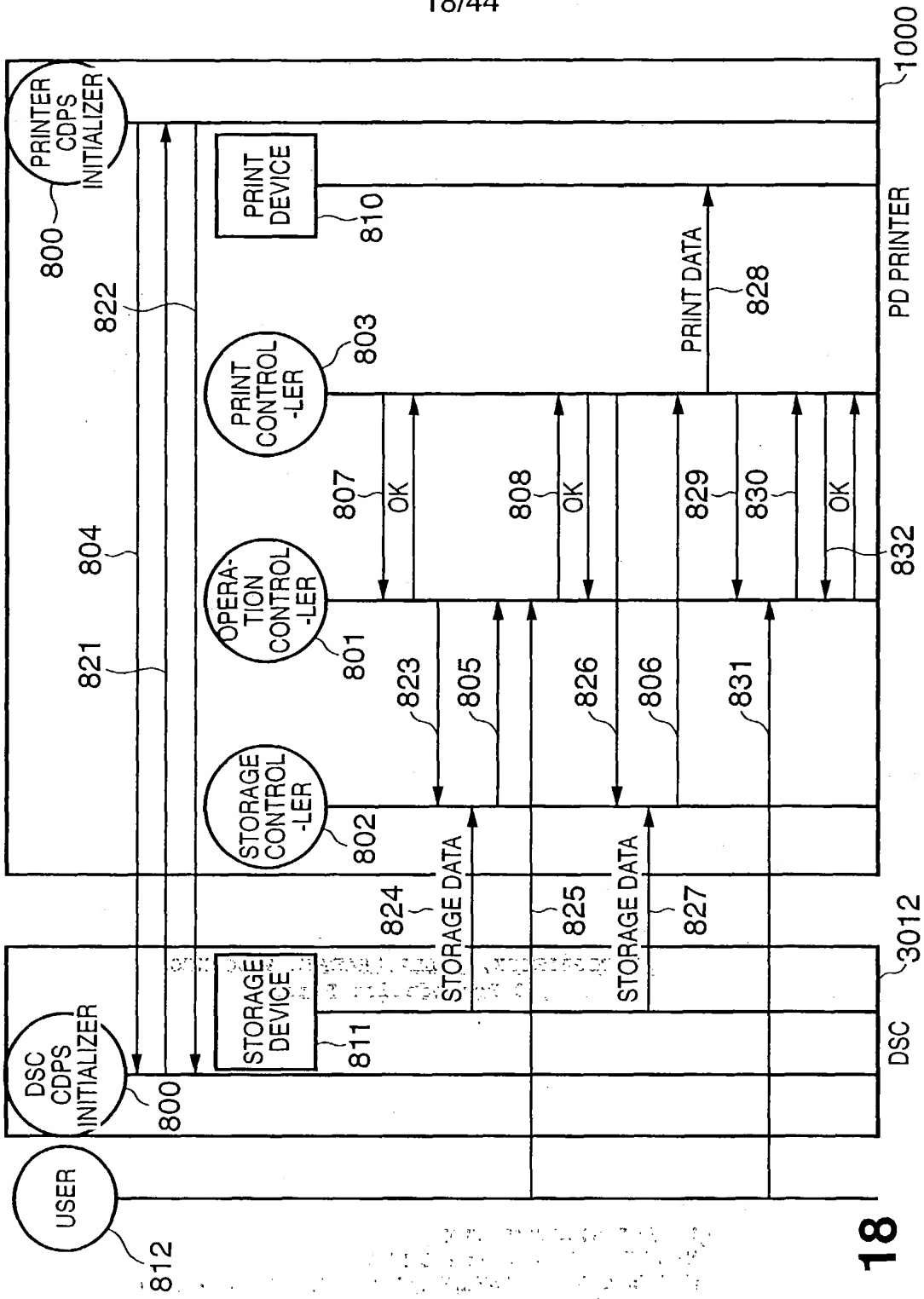


FIG. 18

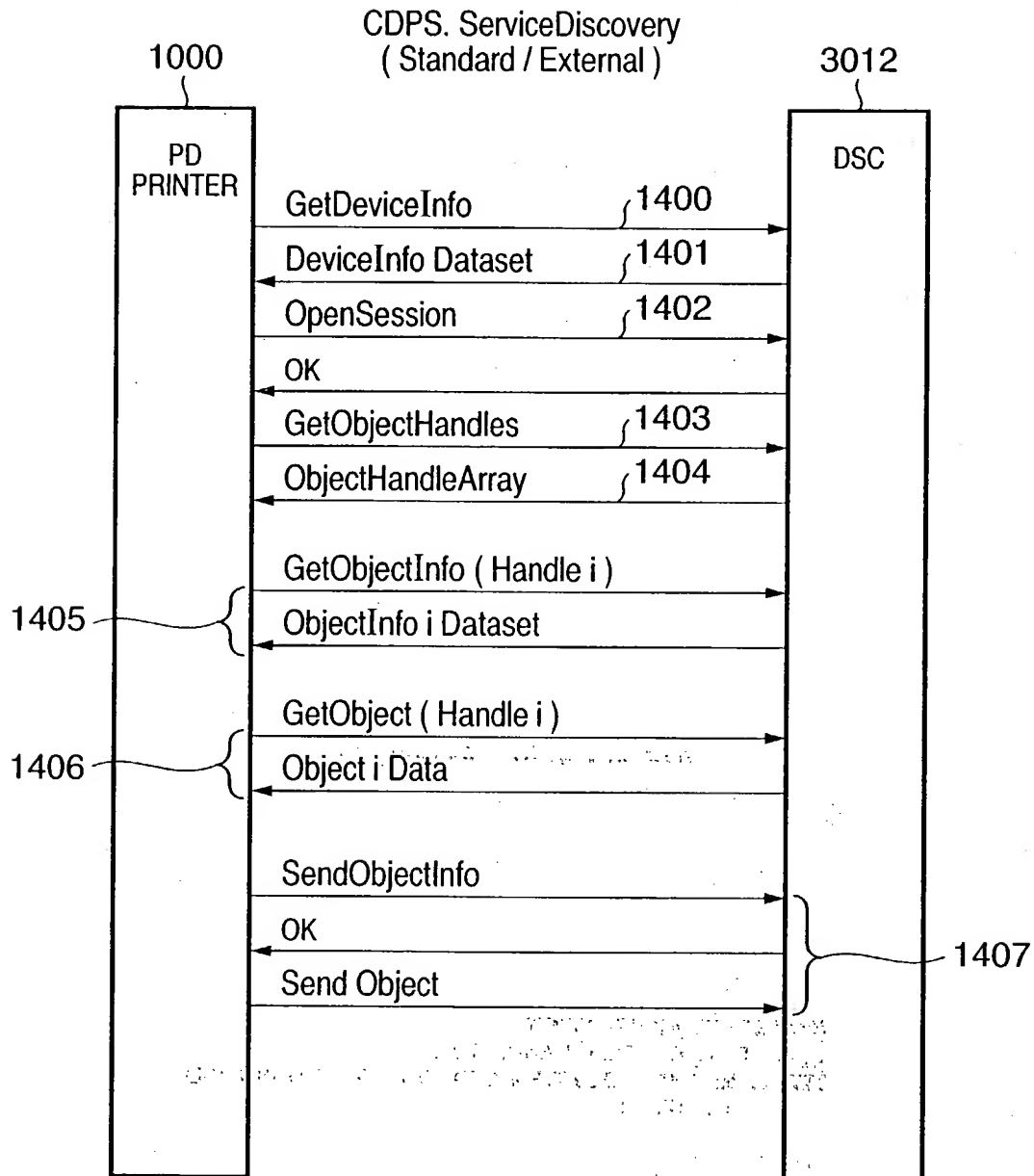
FIG. 19

FIG. 20

CDPS_Service Discovery (STANDARD / EXTENSION)

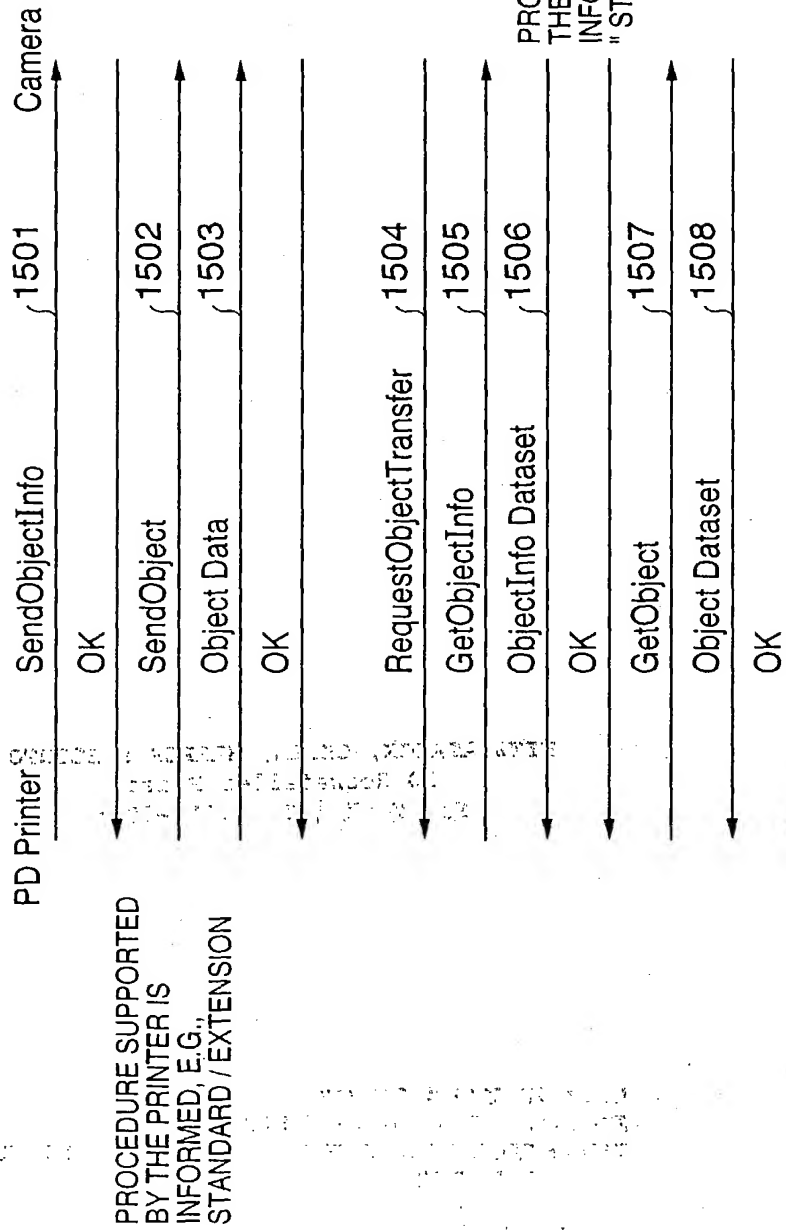


FIG. 21

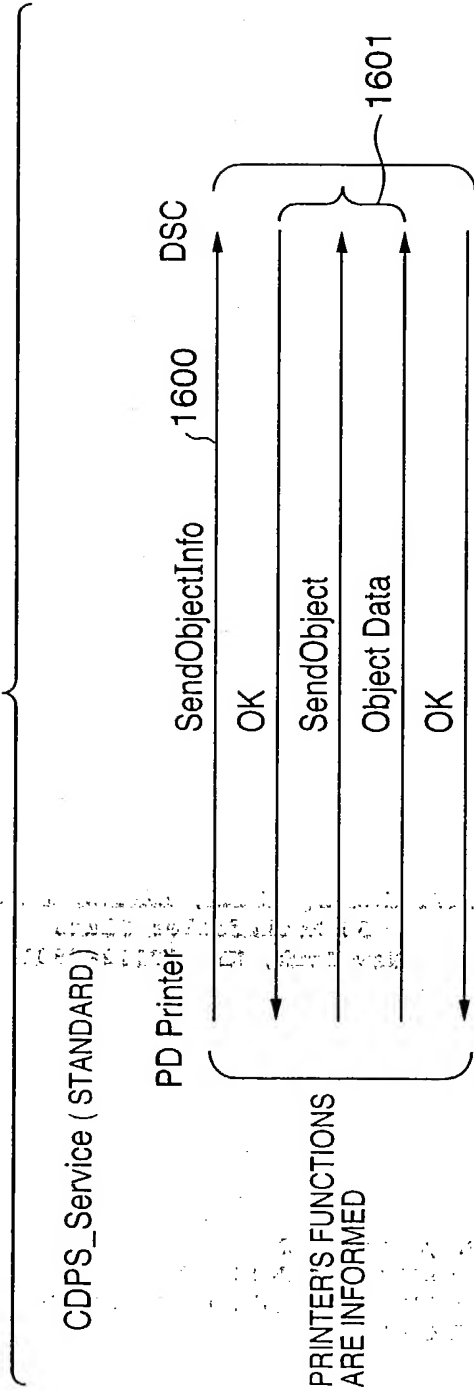


FIG. 22

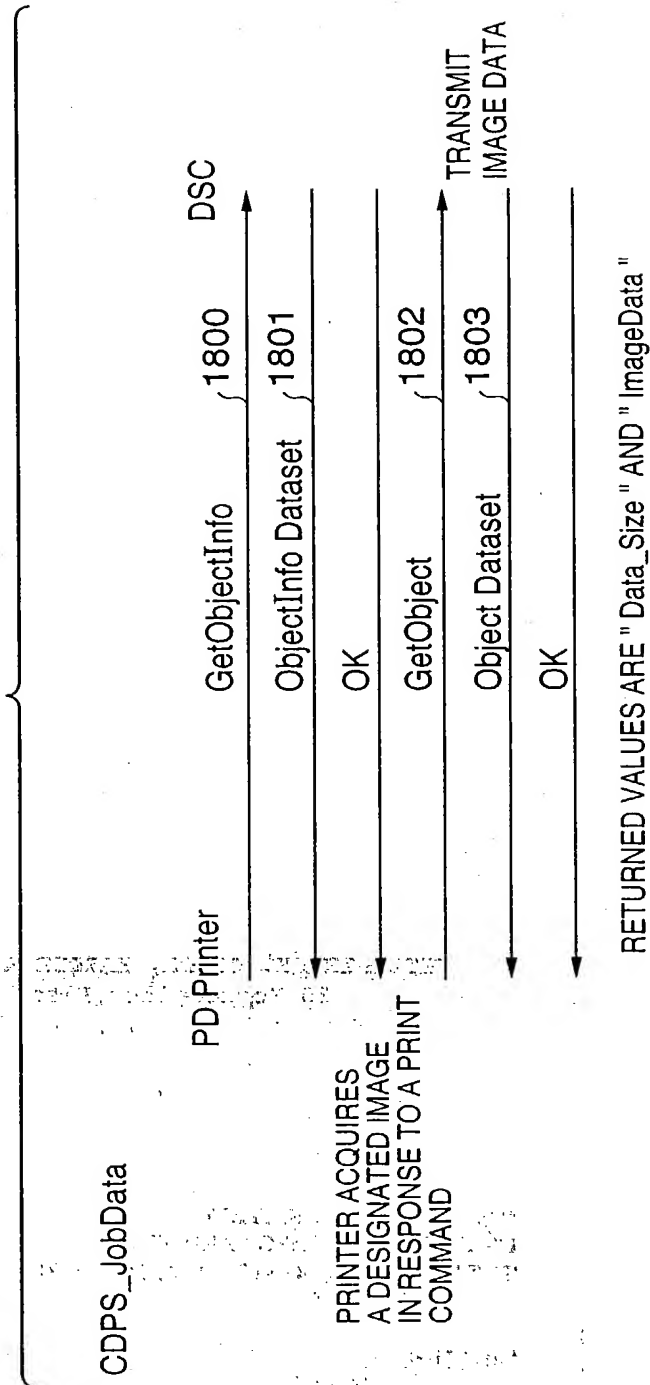


FIG. 23

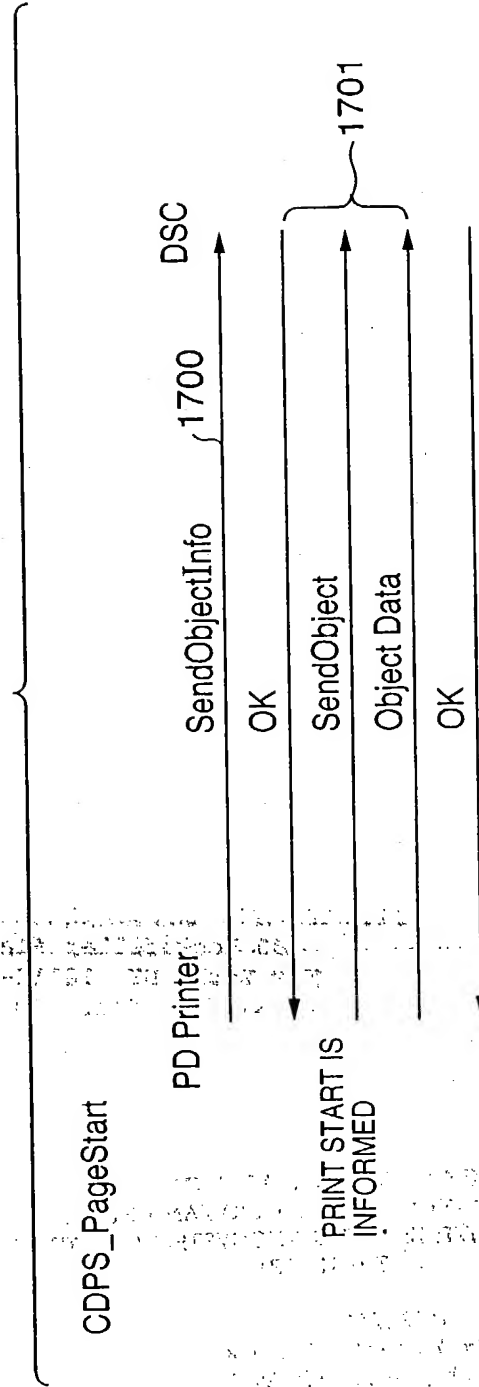


FIG. 24

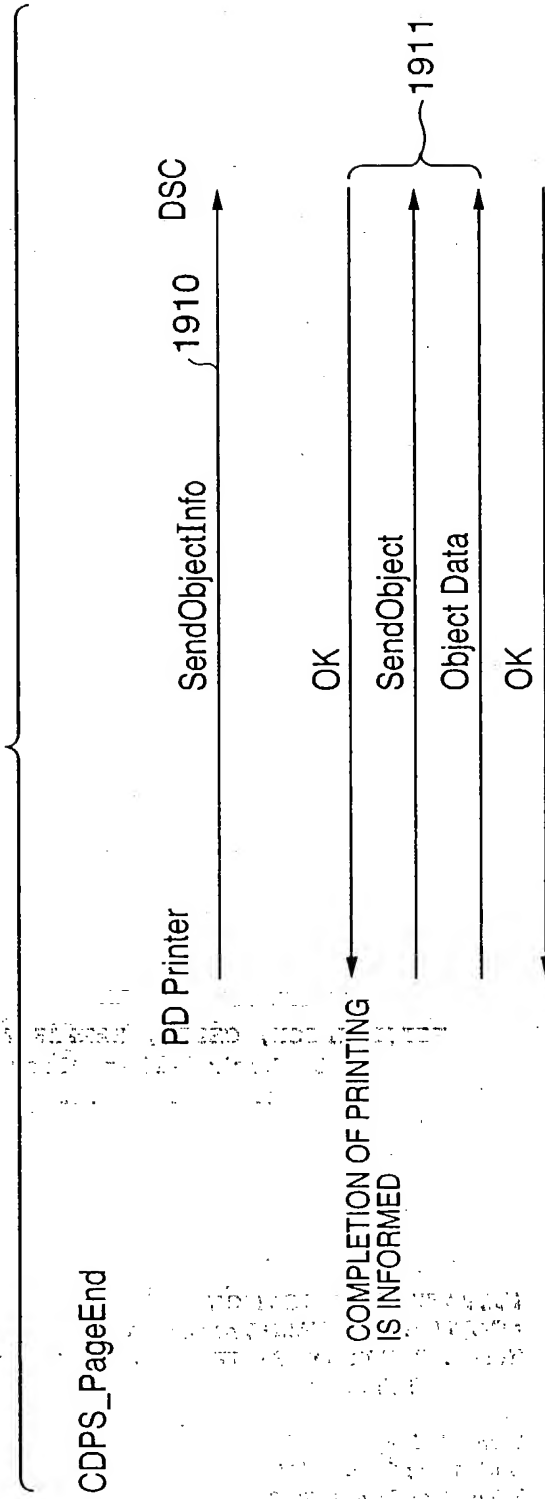


FIG. 25

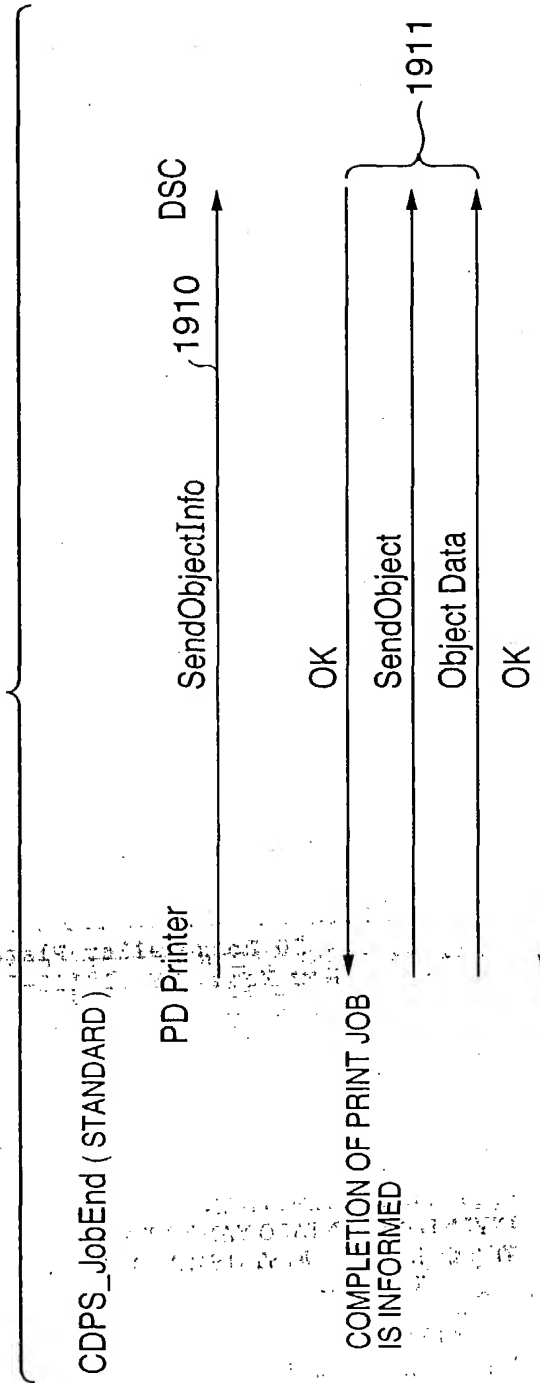


FIG. 26

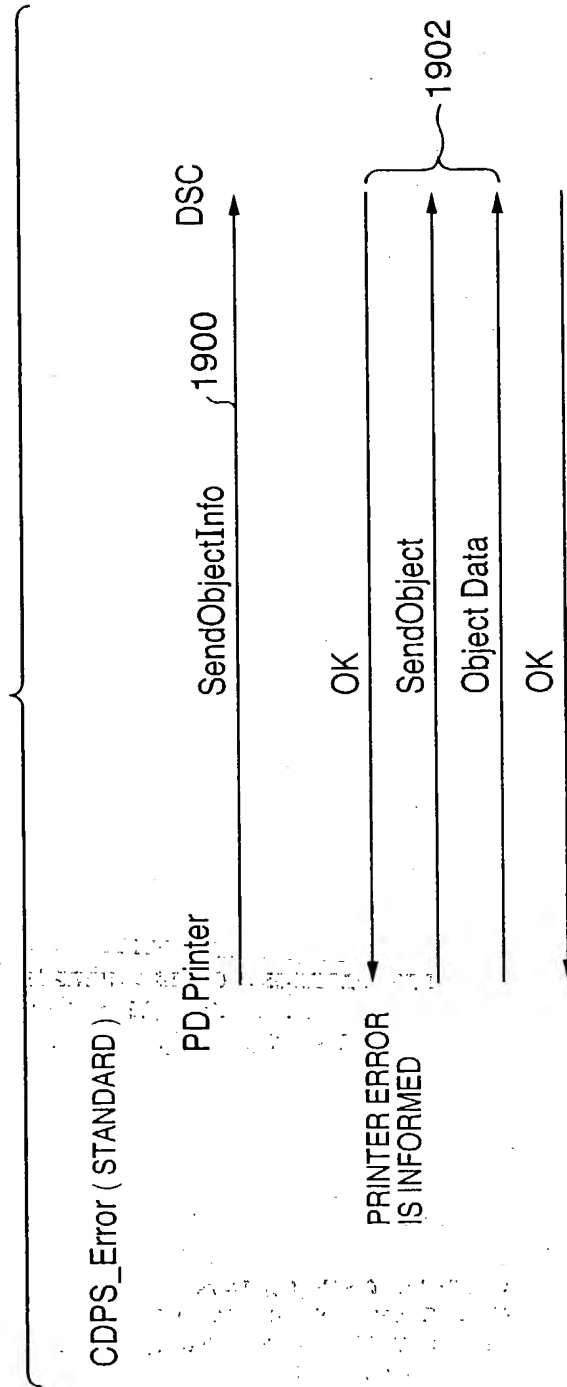


FIG. 27

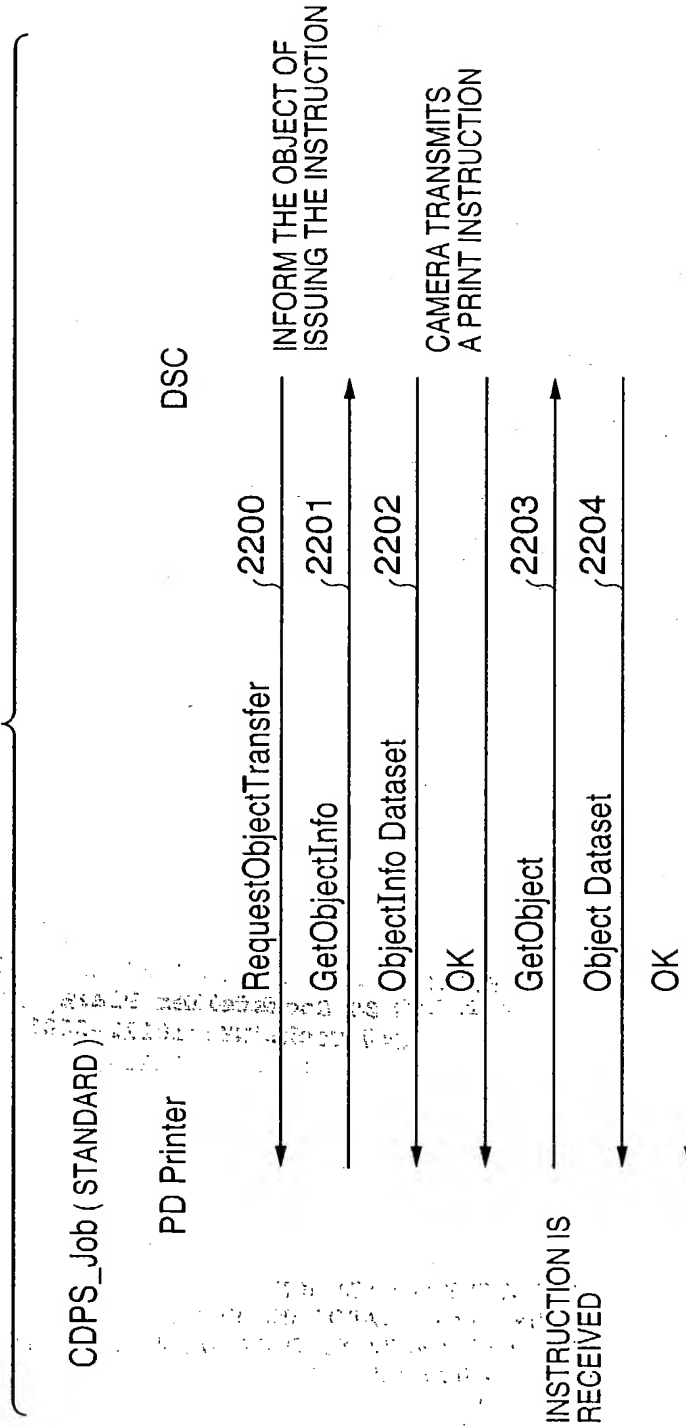


FIG. 28

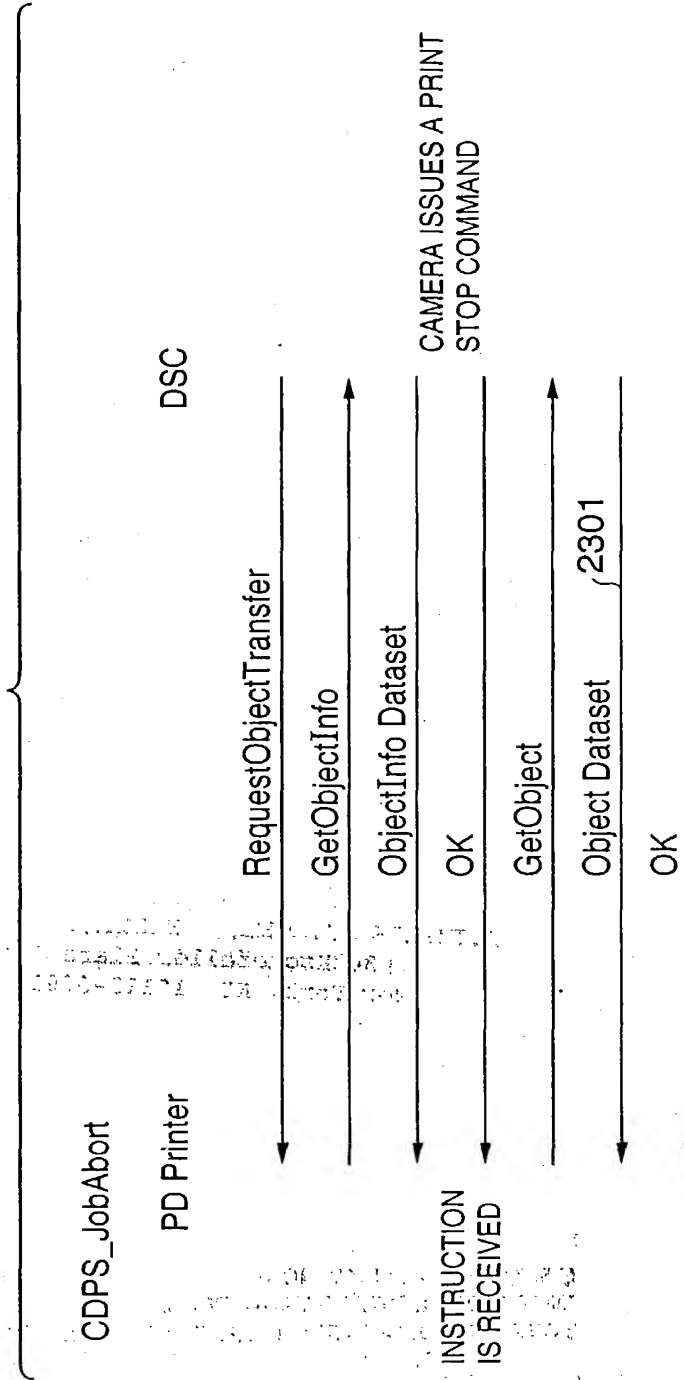


FIG. 29

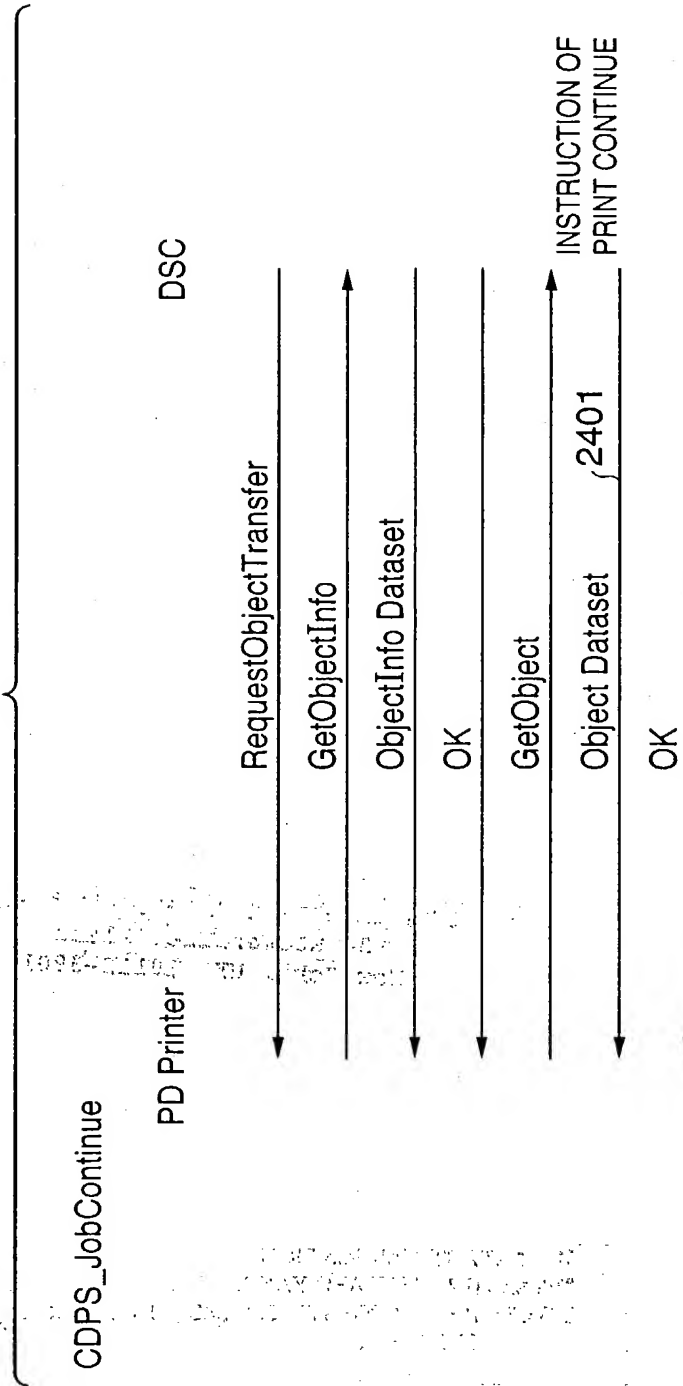


FIG. 30

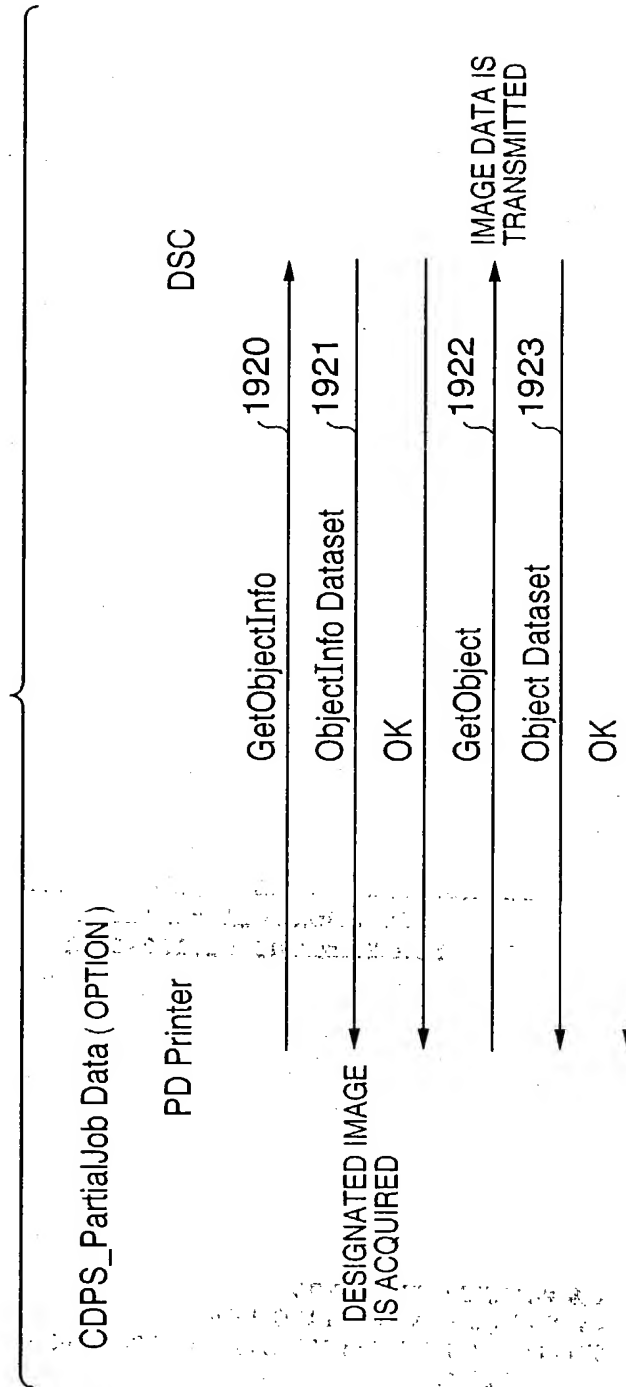


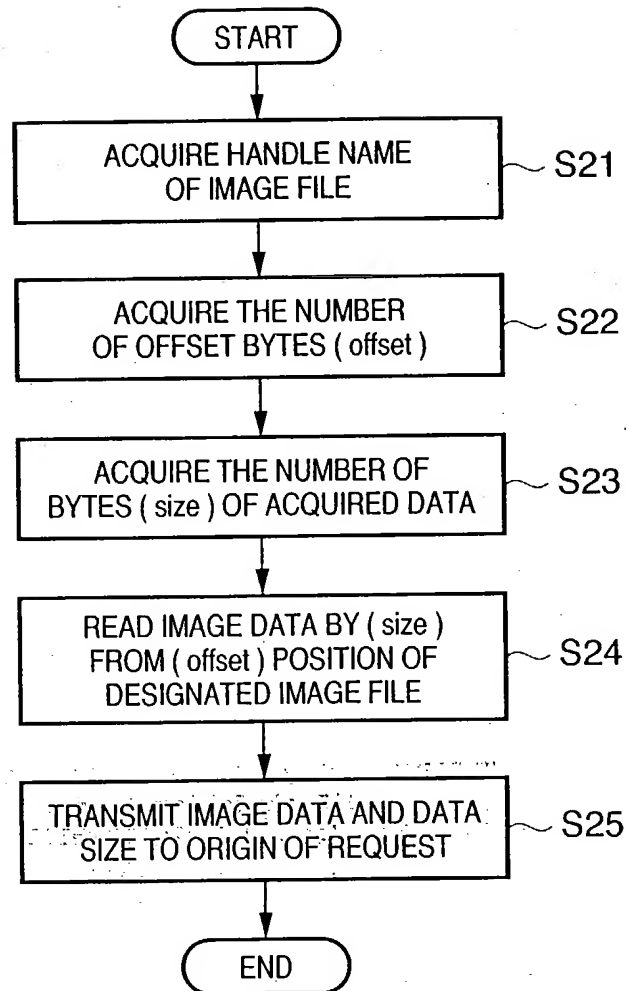
FIG. 31

FIG. 32

CDPS_ServiceDiscovery (Standard /Extend)

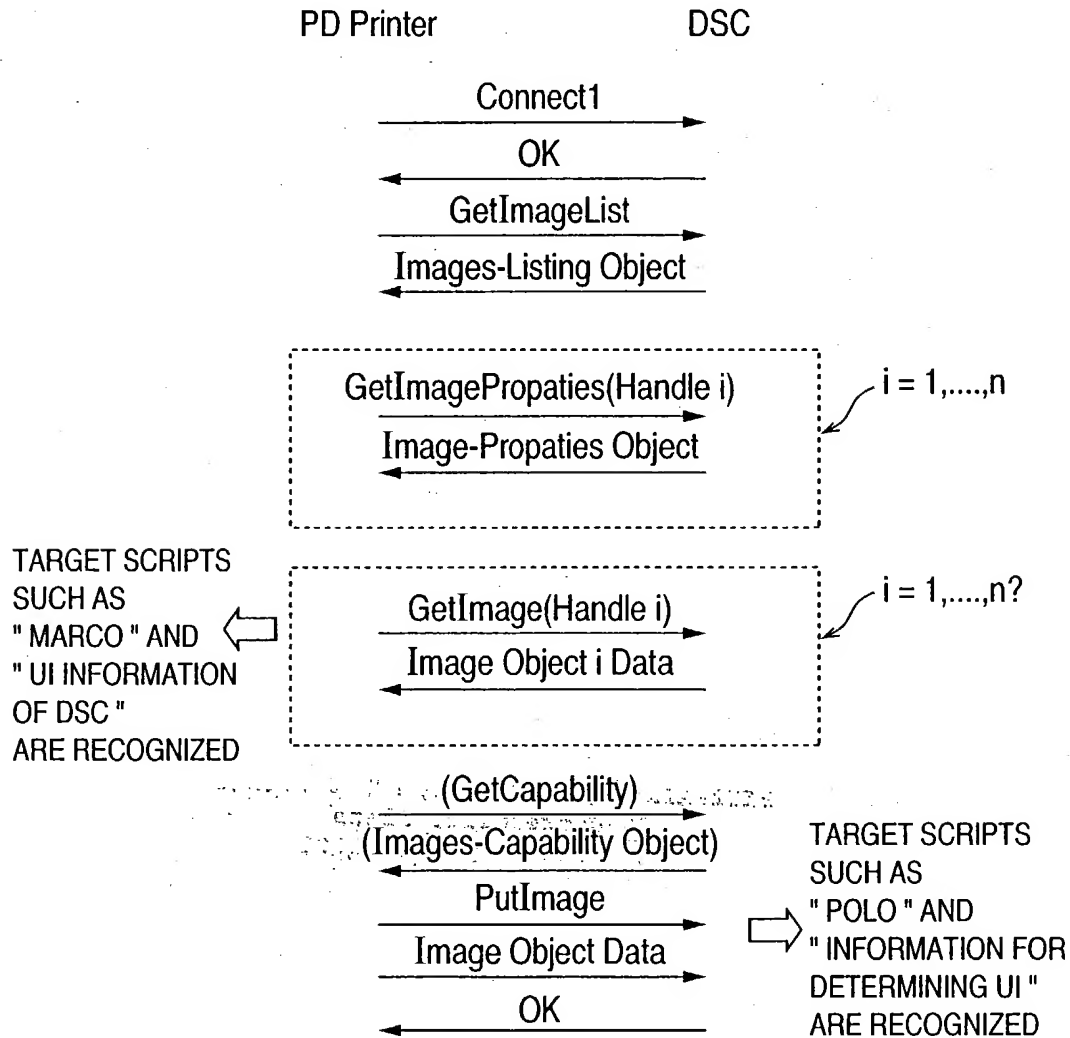
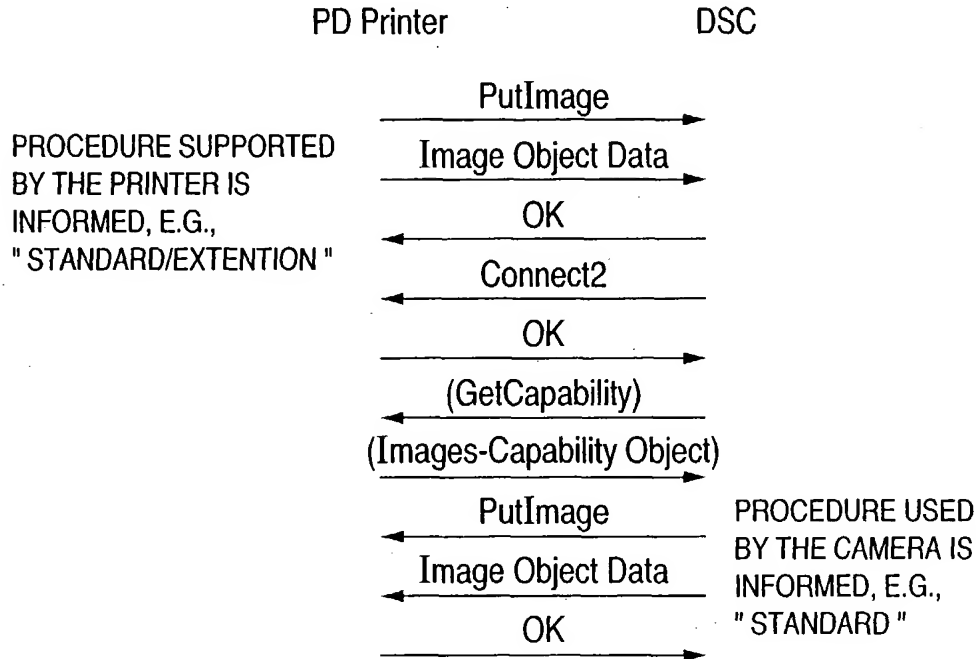


FIG. 33

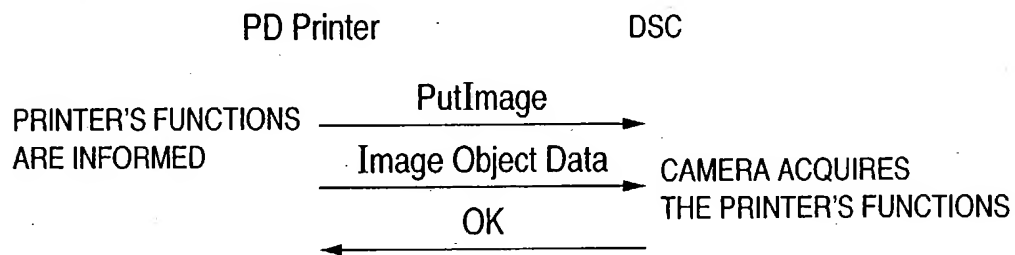
CONTINUATION OF CDPS_ServiceDiscovery
(Standard / Extend)



RETURNED VALUE IS
" STANDARD " OR " EXTENSION "

FIG. 34

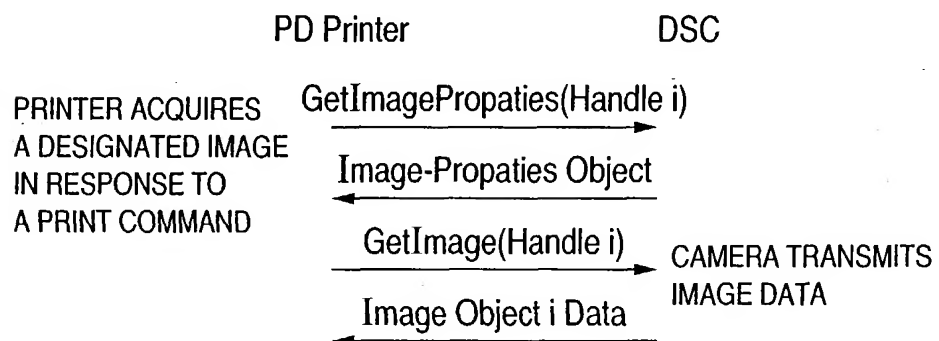
CDPS_Service (Standard)



RETURNED VALUE IS " TRUE " OR " FALSE "

FIG. 35

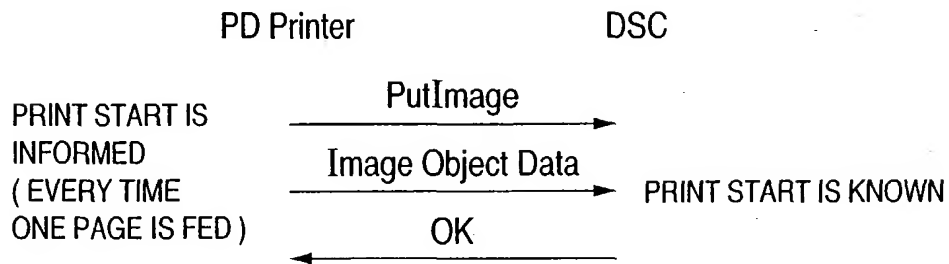
CDPS_JobData (Standard)



RETURNED VALUE IS
"Data Size" OR "Image Data"

FIG. 36

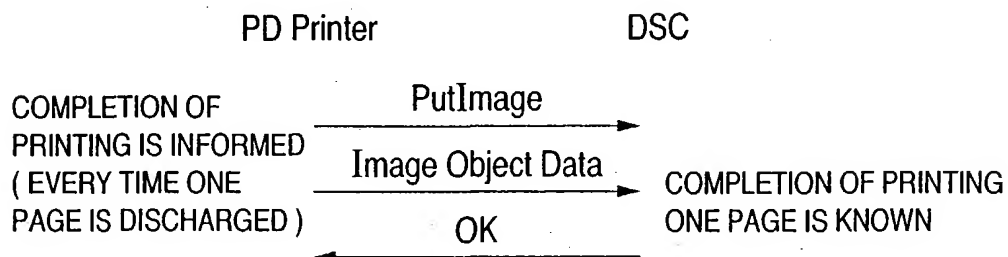
CDPS_PageStart (Standard)



RETURNED VALUE IS " TRUE " OR " FALSE "

FIG. 37

CDPS_PageEnd (Standard)



RETURNED VALUE IS " TRUE " OR " FALSE "

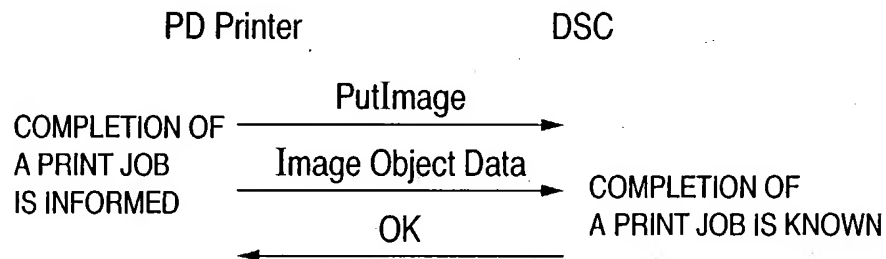
FIGURE 37: CDPS_PageEnd (Standard)
Sequence diagram showing the communication between the PD Printer and the DSC.

FIGURE 37: CDPS_PageEnd (Standard)
Sequence diagram showing the communication between the PD Printer and the DSC.

FIGURE 37: CDPS_PageEnd (Standard)
Sequence diagram showing the communication between the PD Printer and the DSC.

FIG. 38

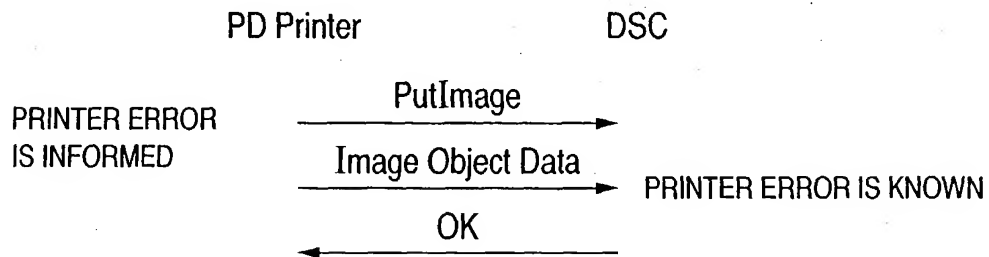
CDPS_JobEnd (Standard)



RETURNED VALUE IS " TRUE " OR " FALSE "

FIG. 39

CDPS_Error (Standard)



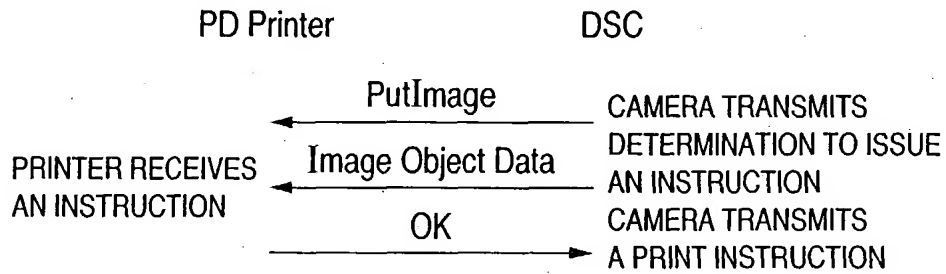
RETURNED VALUE IS " TRUE " OR " FALSE "

NOTES: 1. The CDPS_Error function is used to check for a printer error. It returns TRUE if an error is detected and FALSE otherwise.

2. The CDPS_Error function is used to check for a printer error. It returns TRUE if an error is detected and FALSE otherwise.

FIG. 40

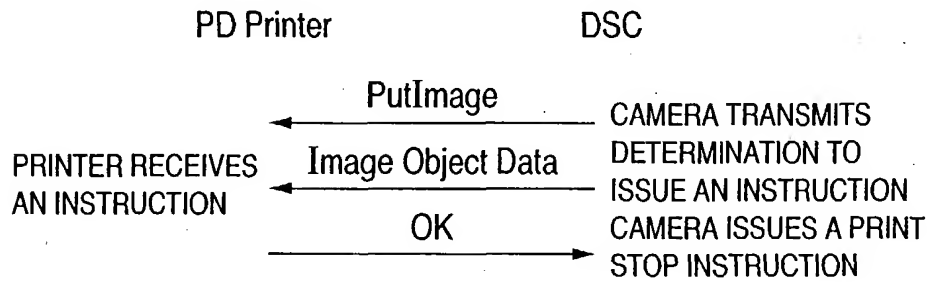
CDPS_Job (Standard)



RETURNED VALUE IS "TRUE" OR "FALSE"

FIG. 41

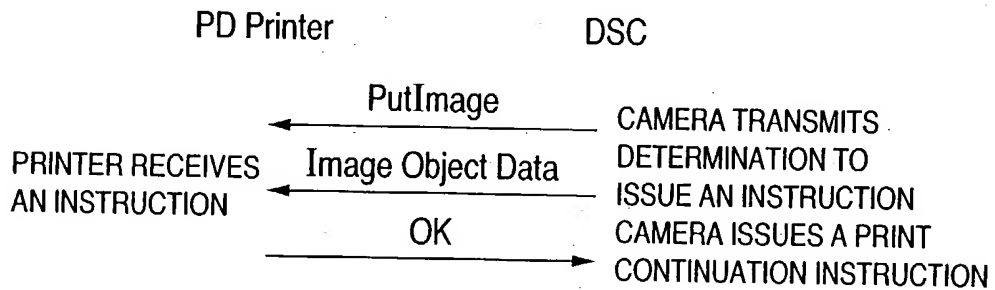
CDPS_JobAbort (Standard)



RETURNED VALUE IS " TRUE " OR " FALSE "

FIG. 42

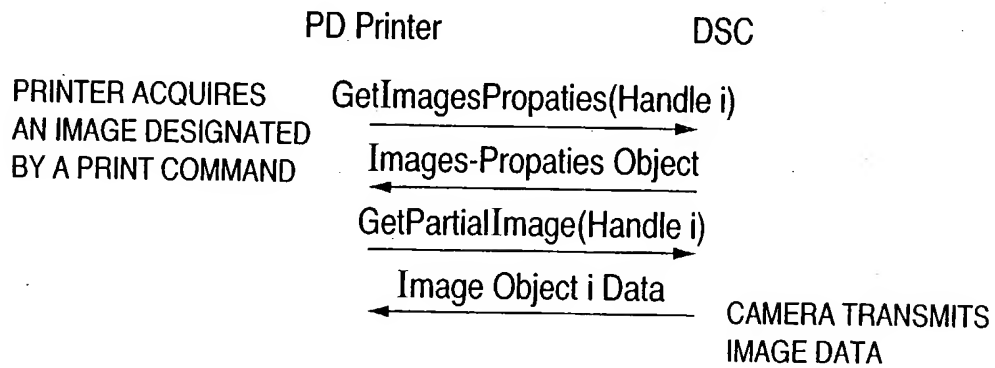
CDPS_JobContinue (Standard)



RETURNED VALUE IS " TRUE " OR " FALSE "

FIG. 43

CDPS_PartialJobData (Option)



RETURNED VALUES ARE
FROM "Data Size" AND "Image Data"

FIG. 44ASUPPORTED LEVELS
BY OPERATION CONTROLLER

4	Use DSC's
3	Viewer & Button
2	Button
1	Minimum
0	No Support

FIG. 44BSUPPORTED LEVELS
BY STORAGE CONTROLLER

4	Use DSC's
3	Handle
2	File System
1	Physical Access
0	No Support

FIG. 44CSUPPORTED LEVELS
BY PRINT CONTROLLER

4	Use DSC's
3	Rendering
2	Halftoning
1	Encoding
0	No Support